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UNIVERSITY OF
TECHNOLOGY SYDNEY

2003

UTS:DESIGN,

ARCHITECTURE
& BUILDING
HANDBOOK

University of Technology,
Sydney. Faculty of Design,
Architecture and Building
Handbook
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CITY CAMPUS
University of Technology,



UTS:DESIGN,

ARCHITECTURE & BUILDING HANDBOOK 2003

DISCLAIMER

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www.uts.edu.au/div/publications

Readers are responsible for verifying information which pertains to them by contacting the Faculty or the UTS Student Info & Admin Centre.

EQUAL OPPORTUNITY

It is the policy of UTS to provide equal opportunity for all persons regardless of race; colour; descent; national or ethnic origin; ethno-religious background; sex; marital status; pregnancy; potential pregnancy; carer's responsibilities; disability; age; homosexuality; transgender status; political conviction; and religious belief.

FREE SPEECH

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

NON-DISCRIMINATORY LANGUAGE

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

www.equity.uts.edu.au/resources/language.html

ACCESS UTS ON THE WEB

www.uts.edu.au

Faculty Handbooks and UTS: Calendar
www.uts.edu.au/div/publications/

UTS Rules, Policies and Procedures
www.uts.edu.au/div/publications/policies/

EDITORIAL AND PRODUCTION

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GENERAL INFORMATION

WELCOME

Welcome to the University of Technology, Sydney (UTS), one of the largest universities in New South Wales – a university with an international reputation for quality programs and flexible learning. UTS develops and regularly revises its programs of study in partnership with industry, government and professional bodies, so that its degrees are based on the latest professional standards and current practices. As a result, UTS produces graduates who are ready for work, and this is demonstrated in the high numbers of its students who are members of the workforce within a few months of finishing their degree.

UTS offers its students a lively, supportive and diverse learning environment across three campuses, and a range of social, cultural and sporting facilities to enrich each student's experience. UTS regards learning as a lifelong experience, and offers a range of programs to cater for the educational needs of people at a variety of stages in their lives, and from diverse backgrounds and cultures.

UTS offers undergraduate and postgraduate degrees, developed by the Faculties of Business; Design, Architecture and Building; Education; Engineering; Humanities and Social Sciences; Information Technology; Law; Nursing, Midwifery and Health; and Science. Each of these faculties is responsible for programs across a number of key disciplines, and many offer courses in conjunction with one another, or with the Institute for International Studies. Courses developed and delivered by these faculties reflect the University's commitment to providing a relevant education to students through flexible and work-based modes of learning and through the ongoing internationalisation of the curriculum.

ABOUT THE UTS HANDBOOKS

Every year UTS produces 10 faculty/institute handbooks which provide the latest information on approved courses and subjects to be offered in the following year. These handbooks include comprehensive details about course content and structure, subject and elective choices, attendance patterns, credit-point requirements, and important faculty and student information. Many of them also contain faculty policies and guidelines for participation in specific courses. This provides students with the necessary information to meet the requirements of the course, complete a program of study, and receive a degree.

UTS also produces a companion volume to these handbooks every year. The *UTS: Calendar* contains the University Act, By-law and Rules, a list of courses offered across the University, and other useful University information. Copies of the faculty/institute handbooks and the *UTS: Calendar* are held in the University's libraries and faculty offices and can be purchased at the Co-op Bookshop.

Every effort is made to ensure that the information contained in the handbooks and the Calendar is correct at the time of printing. However, UTS is continuously updating and reviewing courses and services to ensure that they meet needs, both current and emerging, and as a result the information contained in these publications may be subject to change.

For the latest information, see the University's website at:

www.uts.edu.au

STUDENT INQUIRIES

UTS Student Info & Admin Centre

telephone (02) 9514 1222
email info.office@uts.edu.au
www.uts.edu.au

City campus

CB01.4
(Level 4 foyer, Tower Building)
15 Broadway, Ultimo

Kuring-gai campus

KG01.6 (Level 6, Building K1)
Eton Road, Lindfield

Postal address

PO Box 123, Broadway NSW 2007

International Programs Office

CB01.3A
(Level 3A, Tower Building)
telephone +61 2 9514 1531
fax +61 2 9514 1530
email intlprograms@uts.edu.au
www.ipos.uts.edu.au
CRICOS provider code: 00099F

Faculty student offices

Business

Undergraduate inquiries

CM05C.1
(Level 1, Building 5)
City campus at Haymarket
telephone (02) 9514 3500

KG01.5
(Level 5, Building K1)

Kuring-gai campus
telephone (02) 9514 5355

email undergraduate.business@uts.edu.au

Postgraduate inquiries

CM05B.5
(Level 5, Building 5)
City campus at Haymarket
telephone (02) 9514 3660
email graduate.business@uts.edu.au

Design, Architecture and Building

CB06.5
(Level 5, Building 6
(Peter Johnson Building))
City campus
telephone (02) 9514 8913
email dab.info@uts.edu.au

Education

CB10.05.430
235 Jones Street
City campus
telephone (02) 9514 3900
email education@uts.edu.au
KG02.3.33
(Room 333, Building K2)
Kuring-gai campus
telephone (02) 9514 5621
email teached.office@uts.edu.au

Engineering

CB02.7
(Level 7, Building 2)
City campus
telephone (02) 9514 2666
email upo@eng.uts.edu.au
www.eng.uts.edu.au

Humanities and Social Sciences

Faculty Student Centre

CB03.2
(Level 2, Building 3 (Bon Marche))
City campus
telephone (02) 9514 2300
email hss.studentcentre@uts.edu.au

Faculty Research Office

CB02.7
(Level 7, Building 2)
City campus
telephone (02) 9514 1959
email research.degrees.hss@uts.edu.au

Information Technology

CB10.3.510
(Level 3, Building 10)
City campus
telephone (02) 9514 1803
email info@it.uts.edu.au
<http://it.uts.edu.au>

Law

CM05B.3.03
(Room B303, Building 5)
City campus at Haymarket
telephone (02) 9514 3444
email admin@law.uts.edu.au

Nursing, Midwifery and Health

KG05.3.97
(Room 397, Level 3, Building K5)
Kuring-gai campus
telephone (02) 9514 5201 or (02) 9514 5202
email nmh@uts.edu.au

Science

CB04.3.07
(Level 3, Building 4)
City campus
SL01.2.01
(Level 2, Dunbar Building)
St Leonards campus
telephone (02) 9514 1756
email information@science.uts.edu.au

Institute for International Studies

10 Quay Street
Haymarket, City campus
telephone (02) 9514 1574
email iisinfo@uts.edu.au

Note: The Building ID system is a four-character code, comprising two letters describing a geographic location and two numerals that use existing building numbers. Office locations appear as BuildingID.FloorNo.RoomNo.

The geographic location codes are:

- CB City campus, Broadway
- CC City campus, Blackfriars, Chippendale
- CM City campus at Haymarket
- KG Kuring-gai campus
- SL St Leonards campus

APPLICATIONS AND ENROLMENT

Undergraduate

The NSW and ACT Universities Admissions Centre (UAC) processes most applications for undergraduate courses which start at the beginning of the year. Students are required to lodge these UAC application forms between August and December; early closing dates may apply to some courses. To find out more about these courses and the application procedures, check the *UAC Guide*, or the UAC website at:

www.uac.edu.au

Students can also apply for entry to some UTS courses by lodging a UTS application form directly with the University. These are usually courses that are not available to recent school leavers and do not have a UAC code.

Postgraduate

Applications for postgraduate courses should be made directly to UTS. For courses starting at the beginning of the year, most applications open in August with a first round closing date of 31 October. For courses starting in the middle of the year, applications open in May.

For further information, contact the UTS Student Info & Admin Centre.

International students

International student applications for both postgraduate and undergraduate courses can be made either directly to the International Programs Office or through one of the University's registered agents. For courses starting at the beginning of the year, applications should be received by 30 November of the previous year. For courses starting in the middle of the year, applications should be received by 31 May of that year. For more information, contact:

email intlprograms@uts.edu.au

CRICOS provider code: 00099F

Non-award and cross-institutional study

Students who want to study a single subject at UTS which is not part of a UTS degree or qualification, must apply for non-award or cross-institutional study. There are three application periods, and closing dates vary for each semester. For more information contact the appropriate faculty or the UTS Student Info & Admin Centre.

Enrolment

Students should be aware that it is their responsibility to ensure:

- that their personal details are correct and the University informed of any changes as they occur
- that their enrolment details are correct and that their subject choices can be credited toward the award in which enrolled.

ASSESSMENT

Students come to university for a variety of reasons including to gain a specific qualification, to pursue their interest in a particular field and to broaden their education. Good academic practice demands personal integrity and respect for scholarship. For example, academic staff are responsible for marking assessment fairly and consistently, and students are responsible for submitting work that represents their own efforts to meet the stated requirements.

Student learning is more effective and enjoyable if basic principles of good academic practice are followed. These include the following:

- academic integrity
- self-motivation and commitment to learning
- awareness of requirements
- participation
- respecting the rights of others, and
- seeking timely help from appropriate sources.

Each subject outline contains information on assessment and students should refer to it for specific details.

ENVIRONMENT, HEALTH, SAFETY AND SECURITY

The University is committed to providing a safe and healthy workplace for students, staff and visitors and adopting a socially responsible approach towards protecting and sustaining the environment. Staff and students must take reasonable care of themselves and others, cooperate with actions taken to protect health and safety and not wilfully place at risk the health, safety or wellbeing of others.

Emergency procedures

Report emergencies to Security by dialling '6' from any internal telephone or Freecall 1800 249 559 (24 hrs).

Let the Security Officer know:

- the nature of the problem (e.g. fire, medical emergency, assault)
- the location of the emergency, and
- your name and the telephone extension you are calling from.

Evacuation procedures

The Evacuation Alarm consists of two tones:

BEEP...BEEP...BEEP... (Prepare)

When you hear this tone:

- shut down or secure machinery and computers
- prepare to evacuate, and
- check whether anyone needs assistance.

WHOOO...WHOOO...WHOOO... (Evacuate)

When you hear this tone:

- listen for instructions, a public announcement will tell you to 'Evacuate the building'
- leave the building via the nearest fire exit
- do not use lifts
- provide assistance where required
- proceed to the assembly area
- follow instructions from Emergency Authorities and Security, and
- do not return to the building until the all clear is given.

Hazards and risks

If you see a hazard or condition that presents a risk to your health and safety, report it to a staff member or Security Officer so that something can be done to remedy it. Help to fix it if you can.

To report a serious hazard after hours, contact Security by dialling '6' from any internal telephone or Freecall 1800 249 559 (24 hrs).

Safe work practices

Always follow safe work practices as provided by your lecturer or a technical staff member. Ask for help if you are unsure about how to use a piece of equipment or undertake a task, particularly before carrying out new or unfamiliar work.

First aid

There are a number of First Aid Officers in every building on each UTS campus. See the first aid poster in your study area for their names, location and phone number. Security Officers also have first aid training and can be contacted by dialling '6' from any internal telephone or Freecall 1800 249 559 (24 hrs).

Medical attention is also available from the Health Service at City (Broadway) and Kuring-gai campuses.

Accident/incident reporting

If you are involved in an accident or incident, report it to a staff member or Security Officer and then complete a UTS Accident/Incident Report form, available from your faculty office or Security.

If the accident/incident is serious, call Security immediately by dialling '6' from any internal telephone or Freecall 1 800 249 559 (24 hrs).

Smoking

Smoking is not permitted inside any building on any campus of the University, or in any University vehicle.

Campus shuttle bus

The University operates a number of shuttle bus services. These run between:

- City and Kuring-gai campus
- Kuring-gai campus main entry and the Kuring-gai campus carpark
- City campus at Haymarket and Broadway and the student accommodation facilities (Geegal and Bulga Ngurra). This shuttle covers the area bounded by William Henry Street, Bay Street and Broadway. All students living within this area are urged to use the service to ensure a safe passage home.

Shuttle bus timetables are available from the Security Office on your campus.

Lost and found

The Security Office on your Campus is the first point of call to check for lost property or to hand in found items. Items are kept for three months and if unclaimed become the property of the person who found the item.

Security systems

All buildings are accessible by a personal identification number (PIN) and are protected by an electronic intrusion detection system and a closed circuit TV network. You can obtain a PIN from your faculty office. Remember, your PIN is assigned to you and is not transferable. Do not misuse your PIN as this could compromise the safety of others.

Keeping yourself safe

- If studying/working in an isolated area, particularly after hours, lock the doors and don't let anyone in who you don't know. Do not leave doors propped open.
- If you think you are being followed or feel frightened for any reason, contact Security by dialling '6' from any internal telephone or Freecall 1 800 249 559.
- Do not take shortcuts through isolated areas, particularly at the St Leonards campus where the cemetery is a definite no-go area, even during the day. Keep to well-travelled routes and well-lit areas.
- Walk near the curb, away from doorways and bushes.

- Be alert when using toilet facilities, particularly in isolated areas. Check for strangers while you are still near the door. Whenever possible, ask a friend to accompany you.
- If you plan to have a drink after classes, make plans ahead of time for getting home. Don't leave with people you are not comfortable with.
- Do not hitchhike or accept a lift from a stranger.
- If you feel uncomfortable about who is in a lift/elevator, do not get in. Wait until the next lift/elevator arrives.
- Remember, UTS Security staff are available 24 hours a day, 7 days a week.

Keeping your belongings safe

The University consists of a number of large public buildings in the CBD and experiences a level of property crime in keeping with its location. Purses, wallets and particularly mobile phones are a prime target for thieves.

- Mark your name or other personal identification (e.g. your driver's licence number) on personal items of value. Marked items are less likely to be stolen.
- Use the lockers in the Library to store personal property, particularly if you plan on spending some time studying.
- Keep your possessions with you at all times. Do not leave wallets, purses or phones unprotected or out of your sight, particularly in the Library, computer laboratories or cafeterias.
- Do not carry large amounts of money – there are automatic teller machines (ATMs) on most campuses.

Bicycle storage

Bicycle racks are located outside major buildings and often covered by a security camera.

Recycling

UTS has facilities for recycling paper, glass, cardboard and aluminium. Reduce, reuse and recycle.

Contacts

Environment, Health and Safety

telephone (02) 9514 1326, (02) 9514 1062,
(02) 9514 1063

email ehs.branch@uts.edu.au

www.ehs.uts.edu.au

Security

City campus at Broadway

telephone (02) 9514 1192

email security.general@uts.edu.au

City campus at Haymarket

telephone (02) 9514 3399

email security.haymarket@uts.edu.au

Kuring-gai campus

telephone (02) 9514 5551

email security.kuring-gai@uts.edu.au

St Leonards campus, Dunbar Building

telephone (02) 9514 4004

email security.dunbar@uts.edu.au

EQUITY AND DIVERSITY

UTS has a strong commitment to ensure that the diverse nature of the Australian society is reflected in all aspects of its employment and education. The University also aims to assist members of under-represented groups overcome past or present discrimination, and to provide a supportive and open organisational culture in which students and staff are able to develop to their full potential.

UTS is committed to implementing its Equal Opportunity Statement which aims to ensure that all students and staff are treated fairly and equitably, and can work and study in an environment free of harassment. Discrimination, harassment and victimisation are unlawful, undermine professional relationships, diminish the experience of university life, and are not tolerated at UTS. All students and staff have a responsibility to contribute to the achievement of a productive, safe and equitable study and work environment.

The Equity & Diversity Unit provides a range of services for students and prospective students. These include the coordination of the inpUTS Educational Access Scheme for students who have experienced long-term educational disadvantage; coordination of financial scholarships and awards for commencing low-income students; and the

provision of confidential advice and assistance with the resolution of discrimination and harassment-related grievances.

Equity & Diversity Unit
CB01.17

telephone (02) 9514 1084

email equity.diversity.unit@uts.edu.au

www.equity.uts.edu.au

INTERNATIONAL EXCHANGE STUDENT SCHEME

UTS encourages its students to develop an international perspective on their courses and careers. As part of their studies, students have the opportunity to spend one or two semesters studying at an overseas partner university and receive credit towards their UTS degrees. To enable this to happen UTS has formal links with a large number of universities around the world. UTS is expanding its partnerships with universities – particularly where students can learn in English – so that more students can experience an exchange program. Some of these exchange opportunities will be in countries where English is not the first language but where university-level teaching in English is available. These countries include Austria, Denmark, Finland, France, Malaysia, the Netherlands and Sweden.

Scholarships available

UTS supports student participation in the International Exchange Students Scheme through the provision of a number of \$1,000 scholarships each semester as a contribution to the costs of going on exchange. While on exchange, students do not pay tuition fees in the overseas university. They pay their usual HECS fees or, if they are international students at UTS, their Australian tuition fees.

Further information and application forms for the Exchange Scheme and scholarships can be obtained from:

International Exchange Students Scheme
Institute for International Studies

10 Quay Street

Haymarket, 2007

telephone +61 2 9514 1537

email international.exchange@uts.edu.au

www.iis.uts.edu.au/iexchange/

NSW CHILD PROTECTION LEGISLATION

Prohibited Person Declaration and Screening

In accordance with New South Wales Child Protection legislation, students participating in practical training placements which require them to have direct contact with children under 18 in designated child-related employment areas are required to complete a Prohibited Employment Declaration form on enrolment. In some circumstances students may also be subject to employment screening. Screening is carried out only with students' consent but eligibility for participation in such programs is determined on the basis of information obtained through these checks.

FEES AND COSTS

Service fees

Service fees are charged to students to contribute to the cost of a range of facilities and services which are generally available to all students during the course of their study.

Variations and exemptions

Fees and charges may vary from time to time. For current information refer to the UTS Fees and Charges website at:

www.sau.uts.edu.au/fees

In certain circumstances, some students may be eligible for reduced service fees. For full details of variations and exemptions, contact the UTS Student Info & Admin Centre.

Course fees

No course fees are paid by local students undertaking undergraduate studies at UTS. Students are, however, liable for HECS charges (see following). Many postgraduate courses attract a course fee. These course fees are calculated on a course-by-course basis and are charged in addition to the service fees outlined above. Payment of course fees may vary depending on a student's status, and on conditions laid down by the faculty. Contact the relevant faculty for full details.

Details of course fees are outlined under each course entry in this handbook. Readers should

note that fees quoted throughout the handbook are correct at the time of publication however they are subject to change and should be confirmed with the Student Info & Admin Centre.

Course fees for international students

At the time of publication, course fees for undergraduate international students range from A\$5,000 to A\$8,500 per semester, and for postgraduate international students from A\$5,000 to A\$8,700 per semester. These may vary from time to time and the International Programs Office should be contacted for up-to-date information, or visit the website:

www.ipo.uts.edu.au/courses/index.html

International students in Australia on a student visa are required to undertake full-time study as a condition of their visa.

For more information contact the International Programs Office, or visit the website:

www.ipo.uts.edu.au

Other costs

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

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

HECS

The Higher Education Contribution Scheme (HECS) is a financial contribution paid to the Commonwealth Government by tertiary students towards the cost of their education. It is payable each teaching period and the amount paid varies according to the number of credit points undertaken and the method of payment nominated by the student.

Most students have three choices in the way they pay HECS:

1. paying all of the HECS up front and receiving a 25% discount
2. deferring all payment until a student's income reaches a certain level, or
3. paying at least \$500 of the HECS contribution up front and deferring the remainder.

Note: These options may not apply to New Zealand citizens and Australian Permanent Residents.

Commonwealth legislation sets strict conditions for HECS over which the University has no control. HECS charges are based on the subjects in which students are enrolled on the HECS census date. It is important for students to realise that any reductions in their academic workload after the census date for a particular semester will not reduce their HECS liability.

Students who defer their HECS payments become liable to commence repayment once their taxable income reaches the repayment threshold. This does not necessarily mean at the conclusion of their studies – a student's income may reach this threshold before then.

New students, students returning from leave and students who are commencing a new or second course, must complete a Payment Options Declaration form. This form must be lodged with the University by the census date and should show a valid Tax File Number.

The HECS census date for Autumn semester is 31 March and for Spring semester is 31 August. HECS census dates for other teaching periods can be obtained from the UTS Student Info & Admin Centre.

There are a number of variations to these guidelines. It is the responsibility of each student to find out which HECS conditions apply to them. Information can be obtained from the booklet *HECS Your Questions Answered*, which is available from the Department of Education, Science and Training (DEST) on telephone 1800 020 108 or from the website at:

www.hecs.gov.au

This website also indicates the full-time, full-year contributions for each band in differential HECS and the circumstances in which a flat rate may apply.

POSTGRADUATE EDUCATION LOANS SCHEME (PELS)

PELS is an income-contingent loan facility similar to the Higher Education Contribution Scheme (HECS) for eligible students enrolled in fee-paying postgraduate non-research courses.

All eligible students enrolled in a postgraduate fee-paying non-research course in 2003 are eligible to apply for a loan. This means that both continuing and commencing students are eligible to apply.

Eligible students are able to borrow up to the amount of the tuition fee being charged by UTS for each semester for the duration of their course. Students are also able to pay part of their semester tuition fee to UTS for a course and obtain a PELS loan for the balance of their outstanding fees for each semester.

Students are required to complete a Loan Request form by the census date each semester requesting the Commonwealth to pay their tuition fees to UTS and declare that they are aware of their obligations to repay the loan under the scheme when their income reaches a certain amount. Students also have to provide a Tax File Number (TFN) to UTS in the same way that students choosing to defer their HECS payment already do.

Queries in relation to PELS should be directed to the Student Info & Admin Centre on telephone (02) 9514 1222, or further information can be obtained from the DEST website at:

www.hecs.gov.au/pels.htm

BRIDGING FOR OVERSEAS-TRAINED PROFESSIONALS LOAN SCHEME (BOTPLS)

BOTPLS is an interest-free loan facility for overseas-trained professionals who are seeking to work in regulated or self-regulated professions in Australia. It is similar to the deferred payment arrangements available under HECS or PELS (see above). Eligible overseas-trained professionals who are citizens or permanent residents of Australia wishing to meet formal recognition requirements for their profession in Australia are able to access these loans.

More information can be obtained from the booklet *BOTPLS Your Questions Answered*, which is available from the Department of Education, Science and Training on telephone 1800 020 108 or from the website at:

www.hecs.gov.au/botpls.htm

FINANCIAL HELP

Austudy / Youth Allowance

Students aged under 25 years may be eligible to receive financial assistance in the form of the Youth Allowance.

Full-time students aged over 25 years may be eligible to receive Austudy which provides financial help to students who meet its income and assets requirements.

Application forms and information about eligibility for both Youth Allowance and Austudy are available from the Student Services Unit at Kuring-gai or City campuses.

Commonwealth legislation sets strict requirements for Austudy/Youth Allowance over which the University has no control. It is important that the students concerned understand these requirements.

Students who receive Austudy or the Youth Allowance and decide to drop subjects during the semester must be aware that to remain eligible they must be enrolled in a minimum of 18 credit points, or have a HECS liability for the semester of .375 equivalent full-time student units. The only exceptions made are for some students with disabilities which interfere with their studies, students who are single supporting parents or, in exceptional cases, those who have been directed by the University to reduce their study load.

For more information, talk to a Financial Assistance Officer in the Student Services Unit. Call for an appointment on:

telephone (02) 9514 1177 (City campus)
or (02) 9514 5342 (Kuring-gai campus)

Application forms for both Austudy and Youth Allowance should be lodged as soon as possible with any Centrelink office.

Abstudy

Abstudy assists Aboriginal and Torres Strait Islander tertiary students by providing income support and other assistance. For more information about Abstudy, contact the staff at Jumbunna, Indigenous House of Learning:

CB01.17

telephone (02) 9514 1902 or 1800 064 312

SUPPORT FOR STUDENT LEARNING

Student Services Unit

To ensure student success, the University provides a range of professional services to support different aspects of student life and learning at UTS.

These services include:

- orientation and University transition programs
- student housing and assistance in finding private rental accommodation
- workshops and individual counselling to enhance effective learning
- assistance for students with disabilities and other special needs
- student loans and financial assistance
- health services
- personal counselling
- assistance with administrative problems or complaints
- assistance when extenuating circumstances impact on study
- help with getting a job, and
- campus interview program.

All these services are sensitive to the needs of students from diverse backgrounds and are available at City and Kuring-gai campuses with flexible hours for part-timers.

The Student Services Unit website offers a jobs database, 'where UTS graduates get jobs', virtual counselling and links to the 'student help' website:

www.uts.edu.au/div/ssu

Transition to university programs

Orientation 2003

UTS offers a free Study Success Program of integrated lectures and activities before semester begins, to help new students manage the transition to university study. There are specially tailored programs for part-time and international students as well as for recent school leavers. Students are informed of academic expectations, the skills needed to be an independent learner, and learning strategies which can help them successfully manage the workload. They are also provided with valuable information about how the University and its faculties operate, and the services provided.

Peer support network

The Peer Network Program enlists the aid of existing students to assist with the orientation of new students.

For more information, contact:

Student Services Unit
telephone (02) 9514 1177 (City campus) or
(02) 9514 5342 (Kuring-gai campus)

Careers Service

The Careers Service can help students make the link between various UTS courses and the careers they can lead to. The Careers Service also offers general career guidance, and assists with job placement for students seeking permanent or casual vacation work and employment. Contact the Careers Service on:

telephone (02) 9514 1471 (City campus)
www.uts.edu.au/div/cas

Chaplaincy

The Chaplaincy is coordinated through Student Services. Visiting Chaplains and Worship Rooms are available to students.

Chaplains represent different Christian denominations, as well as Buddhism, Judaism and Islam. Further information is available on: telephone (02) 9514 1177 or (02) 9514 2523

Counselling

Counsellors are available at both the City and Kuring-gai campuses for individual consultation. Group programs are also held throughout the year. This service is free of charge, confidential and sensitive to diversity. For further information, contact:

telephone (02) 9514 1177 (City campus) or
(02) 9514 5342 (Kuring-gai campus)

Telephone counselling is available on:
telephone (02) 9514 1177.

Financial assistance

Financial assistance staff assist students with personal financial matters and are the contact point for student loans. They can also advise on Youth Allowance, Austudy and other Centrelink benefits. Contact them on:

telephone (02) 9514 1177

Health/Medical

The Health Service offers a bulk-billing GP practice to students at two locations. Experienced doctors with diverse personal backgrounds and clinical interests are available. For appointments, contact:

telephone (02) 9514 1177 (City campus) or
(02) 9514 5342 (Kuring-gai campus)

Housing

University Housing provides assistance to students in locating private accommodation. A limited amount of UTS-owned housing is also available. For further information, contact:

telephone (02) 9514 1509 (listings) or
(02) 9514 1199 (UTS Residences)

Special Needs Service

The University has in place a range of services and procedures to improve access for students with disabilities, ongoing illnesses and other special needs. Students who have disabilities or illnesses which may impact on their studies are encouraged to contact the Special Needs Service for a confidential discussion of the assistance available on:

telephone (02) 9514 1177
TTY (02) 9514 1164
email special.needs@uts.edu.au

Contacting Student Services

telephone (02) 9514 1177
TTY (02) 9414 1164
fax (02) 9514 1172
email student.services@uts.edu.au
www.uts.edu.au/div/ssu

City campus

CB01.6.01

- Counselling Service
- Health Service
- Special Needs and Financial Assistance Service

CB01.3.01

- Careers Service

CB01.3.08

- Housing Service

Kuring-gai campus

KG01.5.19 (Level 5, Building K1)

- Counselling Service
- Health Service
- Special Needs and Financial Assistance

Computing facilities at UTS

UTS General Access Computing Facilities are located throughout all campuses of the University and are available for all students and staff. Details of locations and availability of the computer laboratories can be obtained from the Information Technology Division (ITD) website at:

www.itd.uts.edu.au

or call the IT Support Centre on:

telephone (02) 9514 2222

Access to these labs requires a login and password. Students can call the IT Support Centre for assistance in setting up a login or pick up a *Computing Facilities @ UTS* brochure from any of the labs or IT Support Centres.

All University computing facilities are to be used exclusively for purposes concerning your study. Misuse, damage to property, security breaches, harassment or offensive behaviour will result in bans and disciplinary action. The Acceptable Use of IT Facilities Policy covers all UTS IT facilities including email accounts. For further information see the website:

www.itd.uts.edu.au

Student email accounts

UTS provides students with an email account, which gives all students access to email facilities via the web. To find out more about an email account, visit the website:

www.uts.edu.au/email/

Alternatively, students can pick up the brochure, Your UTS Email Account, available in all ITD General Access Labs and drop-in centres. If students have any problems with activating their account or the computing facilities in general, they should contact the IT Support Centre on:

telephone (02) 9514 2222

email itsupport@uts.edu.au

Computer training

In general, where computer training is necessary as part of a course that attracts HECS, it is provided as part of that course. Students can also consult the Computing Study Centre (see below).

STUDENT LEARNING CENTRES

Chemistry Learning Resources Centre

The Chemistry Learning Resources Centre assists students in undergraduate courses in the faculties of Science; Nursing, Midwifery and Health; Engineering; and Business.

CB04.2.11, City campus

Rosemary Ward

telephone (02) 9514 1729

email Rosemary.Ward@uts.edu.au

Computing Study Centre

The Computing Study Centre assists students in developing skills in the use of various standard computer packages.

CB01.16.11, City campus

John Colville, Director

telephone (02) 9514 1854

email John.Colville@uts.edu.au

www.it.uts.edu.au/activities/csc/

English Language Study Skills Assistance (ELSSA) Centre

ELSSA, the UTS Centre for academic language development, provides free custom-designed programs in academic writing, reading, speaking, critical thinking and cultural knowledge to meet the needs of undergraduate and post-graduate UTS students completing their degree in English. ELSSA also collaborates with staff in the faculties to foster interest in, and knowledge of, literacy and learning through research, intellectual contributions and staff development. ELSSA values quality, diversity, internationalisation and flexibility as it serves the wider academic and professional communities. The Centre also offers several award programs. For details, refer to pages 21–24.

Alex Barthel, Director

CB01.18.22, City campus

telephone (02) 9514 2327

or

KG02.5.22

Kuring-gai campus

telephone (02) 9514 5160

email elssa.centre@uts.edu.au

www.uts.edu.au/div/elssa/

Jumbunna, Indigenous House of Learning

Student Support Unit

Jumbunna's Student Support Unit provides a range of academic and cultural support to Aboriginal and Torres Strait Islander students studying at UTS to ensure equal access and participation in higher education.

The support available to students includes academic assistance, cultural activities, cultural affirmation programs, group and private study areas, student common room and kitchen, and a computer laboratory and printing facilities.

Jumbunna, Indigenous House of Learning

CB01.17

City campus

telephone (02) 9514 1902 or 1800 064 312

fax (02) 9514 1894

Mathematics Study Centre

The Centre coordinates mathematics assistance across the University and is staffed by lecturers with expertise in mathematics and statistics. The Centre runs bridging and preparation courses as well as providing support during study.

CB01.16

City campus

Leigh Wood, Director

telephone (02) 9514 2268

email Leigh.Wood@uts.edu.au

KG02.2.52

Kuring-gai campus

telephone (02) 9514 5186

www.science.uts.edu.au/math/mc.html

Physics Learning Centre

This is a drop-in centre for first-year physics students.

CB01.11.14

City campus

(with an adjoining computer laboratory)

Peter Logan

telephone (02) 9514 2194

email Peter.Logan@uts.edu.au

www.science.uts.edu.au/physics/plc.html

OTHER SERVICES

Student Ombud

Enrolled or registered students with a complaint against decisions of University staff, or related to the University, may seek assistance from the Student Ombud.

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

CB02.4.02

City campus

telephone (02) 9514 2575

email ombuds@uts.edu.au

www.uts.edu.au/oth/ombuds

Academic Liaison Officers

Each faculty has one or more Academic Liaison Officer (AOL) who is a member of the academic staff. AOLs can approve requests for adjustments to assessment arrangements for students with disabilities or ongoing illnesses. They are also contacts for students who experience difficulties because of carer responsibilities, inpUTS students and students who have English language difficulties. Contact the relevant faculty for more information or see online at:

www.uts.edu.au/div/ssu/alo.html

Freedom of Information and Privacy

Under the *Freedom of Information Act 1989* (NSW), individuals may apply for access to information held by the University.

Personal information may also be accessed under the *Privacy and Personal Information Act 1998*. In addition to the requirements of the Act, UTS has a number of policies which govern the collection and use of private information.

Dr J FitzGerald

Registrar

CB01.4.16

City campus

telephone (02) 9514 1322

email Jeff.FitzGerald@uts.edu.au

Student complaints

UTS is committed to providing a learning and working environment in which complaints are responded to promptly and with minimum distress and maximum protection to all parties.

All students and staff have a responsibility to contribute to the achievement of a productive, safe and equitable study and work environment at UTS. The University's procedures for handling student complaints are based on confidentiality, impartiality, procedural fairness, protection from victimisation and prompt resolution.

Students should first raise their complaint directly with the person concerned where possible, or with an appropriate person in the faculty or administrative unit concerned. To seek advice and assistance in lodging a complaint, contact the Student Services Unit or the Equity & Diversity Unit.

The Policy on Handling Student Complaints is published on the Rules, Policies and Procedures website at:

www.uts.edu.au/div/publications/policies

Information on how to make a complaint is available on the Equity & Diversity Unit's website at:

www.equity.uts.edu.au/resources/gota.html

UNIVERSITY GRADUATE SCHOOL

The University Graduate School provides a focus for higher degree research students in all graduate research courses at UTS. It takes the lead in developing policy for graduate research studies in partnership with the faculties. The University Graduate School also works to enhance the quality of graduate research programs by monitoring quality and supporting research degree students and their supervisors.

The University Graduate School is located at CB10.6, City campus.

telephone (02) 9514 1336

fax (02) 9514 1588

email ugs@uts.edu.au

www.gradschool.uts.edu.au

UTS LIBRARY

The University Library collections are housed in three campus libraries and contain over 650,000 books, journals and audiovisual materials as well as a large range of electronic citation and full-text databases.

Services for students include face-to-face assistance in finding information through service points in the libraries as well as at key locations around the university. Information skills training programs, Closed Reserve, loans (including from other libraries), computer access, printing and photocopying facilities are also available.

The Library's extensive range of electronic information resources includes catalogues, databases, over 36,000 e-journals and Electronic Reserve. Online services include web information, reference and research assistance incorporating a real-time email reference service, online training, loan renewals, reservations and Inter-Library requests. Many of these services can be accessed on-campus and remotely 24 hours a day from the Library's website at: www.lib.uts.edu.au

The Library is open for extended hours. More information is available on the website.

City Campus Library

Corner Quay Street and Ultimo Road
Haymarket
telephone (02) 9514 3388

Kuring-gai Campus Library

Eton Road
Lindfield
telephone (02) 9514 5313

Gore Hill Library (St Leonards campus)

Corner Pacific Highway and
Westbourne Street
Gore Hill
telephone (02) 9514 4088

CAMPUS LIFE

UTS Union

The UTS Union is the community centre for the University. It provides food and drink services, lounges and recreational areas, comprehensive social and cultural programs, funding for about 70 affiliated clubs and societies, sports facilities and programs, stationery shops, a newsagency and resource centres. Off campus the Union provides access to a rowing club, sailing club, athletics club and basketball stadium.

Union Office (City campus)
telephone (02) 9514 1444
email office@utsunion.uts.edu.au

City campus (Haymarket)
telephone (02) 9514 3369

Kuring-gai campus
telephone (02) 9514 5011
www.utsunion.uts.edu.au

Union Sports Centre

The centre contains multipurpose spaces, squash courts, weights rooms, circuit training room and outdoor basketball court.

CB04.1
City campus
telephone (02) 9514 2444

UTS Rowing Club

Dobroyd Parade, Haberfield
telephone (02) 9797 9523

Child care

UTS Child Care Inc. (UTSCC) coordinates all child-care services at UTS. Child care is available from 8.00 a.m. to 10.00 p.m. at both City and Kuring-gai campuses.

Care is available for 0–5 year olds throughout the year and for 5–12 year olds during school holidays. Child care can be accessed on a full-time, or part-time basis.

telephone (02) 8289 8400 (Ultimo)
or (02) 9514 2960 (City campus – Blackfriars)
or (02) 9514 5105 (Kuring-gai campus)

Child care subsidies

UTS child-care centres charge a fee, comparable to other child-care centres, of between \$45–55 per day for 0–5 year olds and \$25 a day for 5–12 year olds. All families who register with Centrelink can access Federal

Government means-tested child-care subsidies of up to \$29 per day through child-care centres. Further subsidies are available at UTS child-care centres to all current UTS staff and students of up to \$10.50 per day, funded by the University and the University Union and available on proof of employment/enrolment at UTS.

Low-income students may apply to the Equity & Diversity Unit for further assistance (funded by the Unit and the Students' Association) in cases of demonstrable financial hardship.

To obtain an application form, contact the Equity & Diversity Unit on:
telephone (02) 9514 1084

Co-op Bookshop

The Co-op Bookshop stocks the books on students' reading lists, and a variety of general titles and computer software. It has branches at the City and Kuring-gai campuses, and, at the start of semester, at Haymarket and Gore Hill (St Leonards campus).

City campus

telephone (02) 9212 3078
email uts@mail.coop-bookshop.com.au

Kuring-gai campus

telephone (02) 9514 5318
email kuringai@mail.coop-bookshop.com.au
www.coop-bookshop.com.au

Students' Association

The Students' Association (SA) is the elected representative body of students at UTS and represents all students of the University on welfare and education issues. UTS students have the right to stand for election of the SA and to vote in the annual elections. The Students Representative Council enacts, directs and coordinates the work of the SA.

All enrolled students are members of the SA and pay an annual fee. Revenue from fees is used to employ professional educational and welfare staff; fund the student newspaper, *Vertigo*; run the Peer Tutor Scheme and Second-hand Bookshop; and facilitate and support various information, education and action campaigns.

City campus

CB01.3
telephone (02) 9514 1155

Kuring-gai campus

KG02.4
telephone (02) 9514 5237

Radio Station 2SER-FM (107.3 FM)

2SER-FM is a community radio station situated on Level 26 of the UTS Tower. The station broadcasts a wide range of music with a particular emphasis on electronic and dance as well as a selection of talk programs covering everything from film and the arts to current affairs and health. All programs are presented and produced by volunteers.

Owned by Sydney Educational Broadcasting Ltd, 2SER was jointly established by the University of Technology, Sydney and Macquarie University in 1979. Students interested in broadcasting are invited to visit the studios:

Students interested in broadcasting are welcome to visit the studios:

CB01.26.22
City campus
telephone (02) 9514 9514

or for more information visit the website at:
www.2ser.com

UTS Gallery and Art Collection

The UTS Gallery is a dedicated public gallery on the City campus. The UTS Gallery presents local, interstate and international exhibitions of art and design. There are 12 exhibitions per year including design degree shows.

The UTS Art Collection comprises nearly 600 works including paintings, prints, photographs and sculptures which are displayed throughout the University.

CB06.4
City campus
702 Harris Street, Ultimo
telephone (02) 9514 1652
fax (02) 9514 1228
email uts.gallery@uts.edu.au
www.utsgallery.uts.edu.au

ENGLISH LANGUAGE STUDY SKILLS ASSISTANCE CENTRE

The English Languages Study Skills Assistance (ELSSA) Centre enhances teaching and learning at UTS through a focus on academic language development, which involves reading, writing, listening, speaking, critical thinking and cultural knowledge.

The Centre does this by:

- collaborating with faculties to integrate the development of students' academic language in their areas of study
- teaching custom-designed programs to meet the specific requirements and changing needs of undergraduate and postgraduate UTS students and staff
- fostering interest in, and knowledge of, language and learning through research, intellectual contributions and staff development, and
- valuing quality, diversity, internationalisation and flexibility as the Centre serves the wider academic and professional communities.

In addition to a wide range of free academic language development services available to UTS students who complete undergraduate and postgraduate degrees in English, the ELSSA Centre also offers the following elective subjects, award courses and programs.

For further details, contact:

Alex Barthel, Director

CB01.18.22

City campus

telephone (02) 9514 2327

or

KG02.5.22

Kuring-gai campus

telephone (02) 9514 5160

email elssa.centre@uts.edu.au

www.uts.edu.au/div/elssa/

Elective subjects

The ELSSA Centre offers three elective subjects aimed specifically at students from language backgrounds other than English. Some of these subjects may be completed during semester or in intensive mode during the February or July vacation periods.

Semester 1 or 2

59318	Seminar Presentation	6cp
59319	Communication for Employment	6cp
59320	English for Business	6cp

Undergraduate programs for international students

Advanced Diploma in Australian Language and Culture

- ◆ UTS course code: HA30
- ◆ Testamur title: Advanced Diploma in Australian Language and Culture
- ◆ Abbreviation: none
- ◆ Course fee: \$6,000 (local)
\$9,000 (international)

The Advanced Diploma in Australian Language and Culture (ADALC) has been designed jointly by the ELSSA Centre and the Institute for International Studies for international students – either as a study-abroad year in their current degree (fee-paying), or as part of a university-to-university exchange agreement, or as a stand-alone program.

It can be taken at undergraduate or post-graduate level and allows students to enrol in subjects about Australian society and culture while tailoring a program to their own interests and level of English language competence.

Students audit classes in their area of study as an integral part of the ADALC.

The Advanced Diploma is aimed at two types of students:

- exchange and Study Abroad students who wish to complete the ADALC and return to their country, or
- international students who do not meet the UTS language entry requirements and who need to develop their academic literacy skills to enable them to enrol in undergraduate courses at UTS.

International students who complete the ADALC meet the UTS language entry requirements and, provided they meet academic entry requirements into faculties, are eligible to study at UTS.

Admission requirements

Students must have reached an English language competence level of 5.0 (IELTS) or TOEFL 510 (computer 180). Students with an IELTS of 6.0 or TOEFL of 550 are exempt from Semester 1.

Course duration

The Advanced Diploma is normally a two-semester program.

Course structure

This program is a 48-credit-point course, comprising six subjects.

Course program

Semester 1

59304	English for Academic Purposes 1	8cp
59306	Researching Australia 1 – Ethnography	8cp
59308	Australian Society and Culture 1	8cp

Semester 2

59305	English for Academic Purposes 2	8cp
59307	Researching Australia – Researching Students	8cp
59309	Australian Society and Culture 2	8cp

Other information

Contact the English Language Study Skills Assistance (ELSSA) Centre for more information on this program:

telephone (02) 9514 2327

Australian English Language and Culture Program

- ◆ UTS course code: n/a
 - ◆ Testamur title: n/a – students receive a Statement of Completion
 - ◆ Abbreviation: n/a
 - ◆ Course fee: \$9,000 (international)¹
-

The Australian English Language and Culture Program (AELCP) is aimed at Study Abroad or exchange students who are not able to enrol in the Advanced Diploma in Australian Language and Culture.

This program enables international students from language backgrounds other than English to develop their English language skills through the study of aspects of contemporary Australian society and culture. Through both class activities and excursions, it introduces students to a range of intercultural issues and provides them with opportunities to interact with native speakers in order to develop the cultural understanding, skills, knowledge and confidence required to use English and participate actively in a variety of settings.

The program focuses particularly on oral skills and includes some participation in mainstream University classes. Students complete a major project using ethnographic research techniques.

Admission requirements

The program is designed for students whose language level is below IELTS 5.0 or TOEFL 510 (computer 180).

Course duration

This program is completed over two semesters.

Course structure

This program consists of two full-time subjects, comprising 24 credit points each.

¹ This program is not offered to local students.

Course program

Semester 1

59314	Australian English Language and Culture 1	24cp
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Semester 2

59315	Australian English Language and Culture 2	24cp
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Other information

Contact the English Language Study Skills Assistance (ELSSA) Centre for more information on this program:

telephone (02) 9514 2327

Postgraduate program for international students

Graduate Certificate in English for Academic Purposes

-
- ◆ UTS course code: HA80
 - ◆ Testamur title: Graduate Certificate in English for Academic Purposes
 - ◆ Abbreviation: none
 - ◆ Course fee: \$3,500 (local)
\$5,100 (international)
-

The Graduate Certificate in English for Academic Purposes (GCEAP) is aimed at international postgraduate research students who do not meet the UTS English language requirement but who meet all other entry requirements to commence studies at UTS at postgraduate research level.

Participation in the program is only possible for students who have already enrolled in a postgraduate research degree program elsewhere at UTS. Enrolment in the GCEAP is an integral part of the enrolment in a postgraduate research degree and emphasises the developmental approach of an integrated program.

Admission requirements

Applicants must:

- be international students
- be eligible to enrol in a postgraduate research degree at UTS, and
- have an IELTS score of 5.5 to 6.0 (minimum of 5.5 in writing) or TOEFL score of 530–550 (computer 197–213) or equivalent.

Other postgraduate students who meet the UTS language entry requirements and who feel they need to develop their language skills would also be eligible to attend the program.

Course duration

The first two subjects of the GCEAP are offered in the pre-session intensive mode (eight weeks before semester) and the final subject is offered concurrent with the first semester of students' enrolment in their research degree.

Course structure

In addition to being enrolled in a postgraduate research degree at UTS, students must complete the three compulsory subjects of the GCEAP (totalling 24 credit points).

Course program

59310	Postgraduate Study in Australia	8cp
59311	Academic English for Postgraduate Study	8cp
59312	Postgraduate Academic Writing in Context	8cp

Other information

Contact the English Language Study Skills Assistance (ELSSA) Centre for more information on this program:

telephone (02) 9514 2327

JUMBUNNA, INDIGENOUS HOUSE OF LEARNING

Jumbunna was relaunched as the Indigenous House of Learning (IHL) in 2001. Jumbunna has grown from being, in 1986, an Aboriginal student support centre, to become a successful academic, research and support centre with approximately 300 Indigenous Australian undergraduate and postgraduate students studying at UTS.

Jumbunna's role within UTS is to contribute to Australia's educational and social development by making UTS staff and students aware of Indigenous Australian cultures and associated issues. Jumbunna is committed to improving the quality of teaching and research at UTS by facilitating active links with the Indigenous community, higher education institutions and other professions with particular emphasis on Australia's growth as a multicultural nation.

Jumbunna IHL has a wide ranging, long term agenda that includes:

- involving Indigenous Australians in institutional decision-making and consultative structures, academic policy development and curriculums, and strengthening partnerships between it and the faculties
- broadening the awareness and acceptance of Indigenous Australian cultures, achievements, contributions, and contemporary issues by developing teaching subjects and awards
- broadening economic, social and political opportunities for Indigenous Australians, in particular expanding employment and income opportunities
- enhancing the teaching and coordination of postgraduate studies in Indigenous studies
- the provision of consultancy services to community and government, and
- improving accessibility, retention and graduation rates of Indigenous Australians in studies at UTS.

Reconciliation Studies elective

The subject Reconciliation Studies is offered by Jumbunna to all students. Offered for the first time in Autumn semester 2002, the subject is a transdisciplinary 6- or 8-credit-point elective available at both undergraduate and postgraduate levels.

Undergraduate

85208	Reconciliation Studies	6cp
85209	Reconciliation Studies	8cp

Postgraduate

85210	Reconciliation Studies	6cp
85211	Reconciliation Studies	8cp

For further details of these subjects, refer to the Subject Descriptions section at the back of this handbook.

UTS SHOPFRONT

UTS Shopfront is a University-wide gateway for community access to UTS. It links disadvantaged and under-resources community groups to University skills and professional expertise on a pro-bono basis. As part of the University's academic program, UTS Shopfront runs a Community Research Elective which is available to all students in all undergraduate and postgraduate courses (with Faculty approval).

Undergraduate

50293	Community Research Elective (UG)	6cp
50294	Community Research Elective (UG)	8cp

Postgraduate

50295	Community Research Elective (PG)	6cp
50296	Community Research Elective (PG)	8cp

For further details of these subjects, refer to the Subject Descriptions section at the back of this handbook.

PRINCIPAL DATES FOR 2003

January

- 1 New Year's Day – public holiday
- 2 Summer session classes recommence (to 7 February)
- 3 UTS Advisory Day
- 4 Closing date for change of preference (main round) to the Universities Admissions Centre (UAC), by mail or in person. Closing date (midnight) for change of preference (main round) UAC Infoline and website (www.uac.edu.au)
- 6 Provisional examination timetable available for Summer session
- 9 Supplementary examinations for Spring 2002
- 10 Last day to submit appeal against exclusion from Spring 2002
- 10 Due date for payment of Autumn semester 2003 tuition fees for continuing international students
- 17 Closing date for applications for non-award and cross-institutional enrolment in Autumn semester 2003
- 17 Late closing date for postgraduate research degree applications for Autumn semester 2003
- 17 Main round of offers to UAC applicants
- 20–25 Enrolment of new main round UAC undergraduate students at City campus
- 22 Closing date for change of preference to Universities Admissions Centre (UAC) for late round offers
- 24 Final examination timetable for Summer session available
- 27 Australia Day – public holiday
- 28 Public school holidays end (commenced 23 December 2002)
- 30 Closing date for applications for Postgraduate Coursework Equity Scholarships for Autumn semester 2003
- 31 Third round closing date for post-graduate coursework applications for Autumn semester 2003 (except Faculty of Business – closing date 14 February)
- 31 Late round of offers (UAC)

February

- 3 Closing date for change of preference to UAC for final round offers
- 3 Final closing date for UAC applications (\$99 late fee)
- 5–6 Enrolment of late round UAC students at City campus
- 7 Last day to lodge a Stage 2 appeal against assessment grade for Spring semester 2002
- 7 Summer session ends for subjects with formal exams (commenced 2 December 2002)
- 8 Final round offers (UAC)
- 10–14 Enrolment of new postgraduate students at City campus
- 10–14 Formal examinations for Summer session
- 17–28 Orientation of new international students
- 20–21 Enrolment of new international students at City campus
- 24–28 Orientation week for new students
- 24 Last day to pay student services fees for Autumn semester 2003
- 26 Release of results for Summer session
- 26 Union 'O' Day – Clubs and activities day
- 26–28 Late enrolment days

March

- 3 Autumn semester classes commence
- 3 Last day to pay postgraduate course fees for Autumn semester 2003
- 5 Late enrolment day
- 12 Last day to lodge a Stage 2 appeal against assessment grade for Summer session
- 14 Last day to enrol in a course or add subjects for Autumn semester 2003¹
- 17 Applications open for Thesis Completion Equity Grants
- 17 Applications open for Vice-Chancellor's Postgraduate Research Student Conference Fund (for conferences July–December)
- 31 HECS/PELS census date
- 31 Last day to withdraw from a course or subject without financial penalty¹
- 31 Last day to pay upfront HECS/PELS for Autumn semester 2003

April

- 11 Last day to withdraw from a course or subject without academic penalty¹
- 14–25 Public school holidays
- 18 Good Friday – public holiday
- 21 Easter Monday – public holiday
- 21–25 Vice-Chancellors' Week (non-teaching)
- 22–24 Graduation ceremonies (Kuring-gai campus)
- 25 ANZAC Day – public holiday
- 28 Closing date for applications for Thesis Completion Equity Grants

May

- 1 Applications open for undergraduate courses, where applicable, and postgraduate courses for Spring semester 2003
- 9 Provisional examination timetable for Autumn semester available
- 12–23 Graduation ceremonies (City campus)
- 23 Closing date for applications for Vice-Chancellor's Postgraduate Research Student Conference Fund (for conferences July–December)
- 30 Closing date for postgraduate research degree applications for Spring semester 2003
- 30 Final examination timetable available

June

- 9 Queen's Birthday – public holiday
- 13 Last teaching day of Autumn semester
- 14 Formal examinations for Autumn semester commence (to 4 July)
- 27 Closing date for applications for Postgraduate Coursework Equity Scholarships for Spring semester 2003
- 27 Closing date for applications for non-award and cross-institutional enrolment in Spring semester 2003
- 27 Last day to pay international fees (continuing students) for Spring semester 2003

July

- 4 Autumn semester formal examinations end (commenced 14 June)
- 7–11 Vice-Chancellors' Week (non-teaching)
- 7–18 Public school holidays
- 14–18 Formal alternative examination period for Autumn semester students
- 17–25 Enrolment of new students for Spring semester 2003
- 21–26 Orientation of new international students
- 21 Last day to pay student service fees for Spring semester 2003
- 23 Release of Autumn semester examination results
- 24 Formal supplementary examinations for Autumn semester students
- 28 Last day to pay postgraduate course fees for Spring semester 2003
- 28 Spring semester classes commence

August

- 1 Applications available for postgraduate research scholarships for Autumn semester 2004
- 1 Applications available for undergraduate and postgraduate courses for Autumn semester 2004
- 1 Last day to lodge a Stage 2 appeal against assessment grade for Autumn semester 2003
- 1 Last day to withdraw from full-year subjects without academic penalty
- 8 Last day to enrol in a course or add subjects for Spring semester 2003¹
- 18 Applications open for Thesis Completion Equity Grants
- 29 Closing date for International Postgraduate Research Scholarships (IPRS)
- 31 HECS/PELS census date (Note: 31 August is a Sunday)
- 31 Last day to pay upfront HECS/PELS for Spring semester 2003
- 31 Last day to withdraw from a course or subject without financial penalty¹

September

- 1 Applications open for UTS Academic Internships
- 5 Last day to withdraw from a course or subject without academic penalty¹
- 15 Applications open for Vice-Chancellor's Postgraduate Research Student Conference Fund (for conferences January–June 2004)
- 29 Closing date for applications for Thesis Completion Equity Grants
- 29 Graduation ceremonies (City campus) commence (to 3 October)
- 29 Public school holidays commence (to 10 October)
- 29 Vice-Chancellors' Week (non-teaching) commences (to 3 October)

October

- 3 Provisional examination timetable for Spring semester available
- 3 Vice-Chancellors' Week (non-teaching) ends
- 6 Labour Day – public holiday
- 10 Public school holidays end (commenced 29 September)
- 24 Final examination timetable available
- 30 Closing date for applications for Postgraduate Coursework Equity Scholarships for Summer session 2003/4
- 31 Closing date for Australian Postgraduate Awards, the RL Werner and University Doctoral scholarships
- 31 First round closing date for postgraduate coursework applications for Autumn semester 2004, Summer session 2003/4 and for non-award and cross-institutional study in Summer session 2003/4
- 31 First round closing date for postgraduate research degree applications for Autumn semester 2004

November

- 7 Last teaching day of Spring semester
- 8–28 Formal examination period for Spring semester
- 17 Closing date for applications for UTS Academic Internships
- 24 Closing date for applications for Vice-Chancellor's Postgraduate Research Student Conference Fund (for conferences January–June 2004)
- 24 Last day to pay student service fees for Summer session 2003/4

December

- 1 Summer session commences (to 6 February 2004)
- 1 Last day to pay postgraduate course fees for Summer session 2003/4
- 5 Second round closing date for post-graduate coursework applications for Autumn 2004
- 8–12 Formal alternative examination period for Spring semester students
- 17 Release of Spring semester examination results
- 22 Public school holidays commence (to 26 January 2004)
- 25 Christmas Day – public holiday
- 26 Boxing Day – public holiday

¹ HECS/PELS/Postgraduate course fees will apply after the HECS census date (31 March and August). Contact the relevant Faculty Office for further information about enrolment and withdrawal deadlines for flexible delivery subjects.

Note: Information is correct as at August 2002. The University reserves the right to vary any information described in Principal Dates for 2003 without notice.

FACULTY INFORMATION

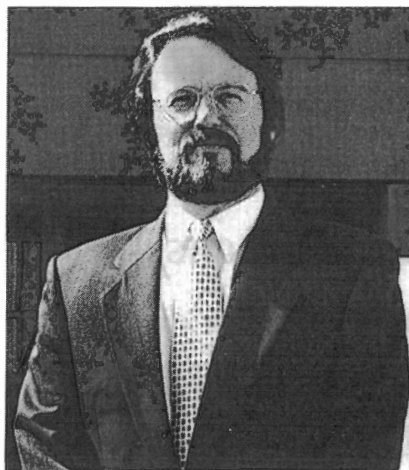
MESSAGE FROM THE DEAN

I would like to welcome all new and continuing students, both local and international, to the academically diverse Faculty of Design, Architecture and Building. I trust you will find your study here this year both personally challenging and intellectually profitable.

The Faculty of Design, Architecture and Building is centrally located on Harris Street in Ultimo in a large, modern, purpose-built building. Our facilities are of the highest level nationally, providing some of Sydney's best spaces for exhibitions and conferences and include advanced laboratories and workshops for computing, photography, printing and manufacturing technology, as well as the UTS Gallery, and even a coffee shop and bistro.

Our Faculty caters to a broad spectrum of people from around the world offering them eight undergraduate degree programs, as well as a large range of postgraduate coursework and research programs. We are committed to innovative interdisciplinary and practice-based learning as well as maintaining our longstanding traditional belief in professional education. Furthermore, students are encouraged to explore the full range of elective and interdisciplinary subjects offered not only by the Faculty but the University at large. Increasingly we are recognising the value of research for both staff and students and are proud of our expanding research culture. For students approaching graduation, we invite them to stay at the cutting edge of their profession by committing to a lifelong learning program of continuing professional education created and maintained via the Faculty's strong links with industry and the relevant professional associations.

To complement your studies, I encourage all of you to take full advantage of the large range of cultural and sporting events available through UTS clubs and associations. There is much on offer within the University and the larger Sydney community that can shape and influence your perceptions and your subsequent endeavours. Finally, I wish all of you a rewarding and enjoyable academic year.



Professor Peter G Burgess
Dean

FACULTY MISSION STATEMENT

The Faculty's mission is to provide an environment which encourages a high sense of purpose, superior performance and a vision for national leadership in the areas of design, architecture, building and property. The Faculty aims to provide opportunities for education, training and research in accordance with international standards of best practice and management.

The Faculty aims to fulfil its purpose in the following manner:

1. to provide undergraduate and postgraduate courses that both reflect and advance relevant professional disciplines
2. by way of practice-based education, to enhance the integration of educational programs with professional, industrial, commercial and societal activities
3. to focus and promote a contextual awareness in government and society in those areas of Faculty interest
4. to encourage staff and student research that will advance the Faculty's purposes
5. to encourage staff consulting that will provide a sharing of Faculty expertise and that will strengthen and develop teaching programs

6. to pursue strategies that will reinforce intra-faculty cooperation in research and teaching and that will promote cooperative ventures externally
7. to promote policies that will enhance the quality of teaching, technical and administrative activity and that will provide for staff development
8. to maintain and promote programs in relevant areas of continuing professional education.

APPLICATIONS

Undergraduate applications

Applications are only accepted on the official form available from the University Admissions Centre (UAC), which must be lodged with UAC by the specified closing date. UAC publishes a guide every year which details all application requirements, and these should be followed carefully.

The University currently requires all non-recent school leaver applicants for Design to submit to UTS a questionnaire. For recent school leaver applicants for the Bachelor of Design in Fashion and Textile Design, the questionnaire is optional. If a questionnaire is submitted, the applicant may be invited to attend an interview and be allocated bonus points. For all other recent school leaver applicants, no questionnaire is required. The questionnaire is available from the UTS Student Info & Admin Centre or the Faculty Office. Check the UAC Guide for submission deadline.

An information evening, covering all relevant information on the Faculty's courses and application for admission, is held prior to the closing date for applications. UTS normally holds an HSC Advisory Day in early January.

Postgraduate coursework applications

Applicants should complete the postgraduate Coursework Application form available from the UTS Student Info & Admin Centre or the Faculty Office. Applications normally close at the end of October, however later applications will be considered. Some postgraduate awards may have a mid-year intake. Contact the Faculty Office in May for details.

Research degree applications

Intending local applicants should visit the website at:

www.dab.uts.edu.au/research/index.html

or contact the Faculty directly on telephone (02) 9514 8080 for research degree information including the Faculty's research strengths and assistance in completing an application. Information on fees, scholarships and support services can be found on the University Graduate School website at:

www.gradschool.uts.edu.au

International applicants should visit the UTS International Programs Office (IPO) website at:

www.ipos.uts.edu.au

or

telephone +61 2 9514 1531

Applications may be lodged at any time of the year with start dates subject to advice.

INFORMATION FOR DESIGN, ARCHITECTURE AND BUILDING STUDENTS

Location and contacts

Student Administration Unit

The Faculty Student Administration Unit manages the student administration activities of the Faculty and is responsible for a broad range of activities including: admission; enrolment; graduation; timetabling; course information and promotion; and student progression matters. The Unit is committed to providing a high standard of service to students and Faculty staff.

CB06.5.57

702-730 Harris Street, Ultimo

telephone (02) 9514 8913

fax (02) 9514 8804

email dab.info@uts.edu.au

www.dab.uts.edu.au

Hours

Monday to Friday, 9.00 a.m. – 5.00 p.m.

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

Postal address

PO Box 123

Broadway NSW 2007

University Rules

The University's Rules are published in the *UTS: Calendar* and online at:

www.uts.edu.au/div/publications/policies/rules/contents.html

Students who require assistance with the interpretation of University Rules should contact the Faculty Office.

The UTS Rules and policies can also be viewed online at:

www.uts.edu.au/div/publications/policies/index.html

International studies electives

The Institute for International Studies at UTS offers electives in language studies and in the study of contemporary societies in parts of the non-English-speaking world. All subjects are taught over one semester and have a value of eight credit points.

Language studies

All students wishing to take language studies as a credited part of their degree are required to enrol through the Institute for International Studies, whether the language studies are undertaken in UTS or elsewhere. The Institute teaches some language programs at UTS, has made arrangements with other universities for some languages to be taught to UTS students, and can make special arrangements for individual students to attend specific language programs where academic needs demand. The individual student's level of language proficiency before entry to the UTS program decides their level of language study. There is a range of entry levels to the various programs available. Most are available at beginner and post-HSC levels, and some at more advanced levels.

The Institute offers language programs in Chinese, French, German, Greek, Indonesian, Italian, Japanese, Malaysian, Russian, Spanish and Thai. The Institute also offers a Heritage major that permits students with previous exposure to a language to continue their study in the languages of countries such as Croatia, Greece, Hong Kong, Korea, Poland, Russia, Taiwan, the Philippines and Vietnam. The Institute can arrange for the teaching of other language programs depending on availability and demand.

Contemporary society

The Institute also offers a series of subjects that provide an introduction to the contemporary societies, politics, economics and cultures of the countries of East and South-East Asia, Latin America and Europe.

Introductory subjects are offered on the contemporary societies of China, Japan, Latin America, South-East Asia and Europe. There are no prerequisites for any of the Contemporary Society subjects. All subjects are taught in English and are available, with the permission of their faculties, to all UTS students.

Further information is available in the 2003 handbook of the Institute for International Studies or contact:

Institute for International Studies
University of Technology, Sydney
10 Quay Street, Haymarket
telephone (02) 9514 1574
fax (02) 9514 1578
email iisinfo@uts.edu.au
www.uts.edu.au/fac/iis

Insearch UTS

Insearch UTS is wholly owned by the University of Technology, Sydney, and offers a Foundation Studies Certificate in Design, a Diploma in Design (Visual Media) and a Foundation Certificate in Construction Economics. These programs are designed for students who are not currently qualified for direct university entry. While the University cannot guarantee admission to its degree programs (except for international students), students who have completed the Foundation Studies Certificate program may apply for admission to the first year of the Bachelor of Design in Industrial Design, Bachelor of Design in Interior Design or Bachelor of Design in Fashion and Textile Design. If admitted, students who have completed the Diploma program may be granted up to one year's advanced standing in the Bachelor of Design in Visual Communication degree. Students who have completed the Foundation Certificate in Construction Economics may apply for admission to the first year of the Bachelor of Building in Construction Economics program.

For further information contact:

The Registrar
Insearch UTS
Ground Floor
10 Quay Street, Haymarket
telephone (02) 9218 8688
fax (02) 9281 9875
email courses@insearch.edu.au
www.insearch.uts.edu.au

PRIZES AND SCHOLARSHIPS

Prizes and scholarships are awarded each year to students in the Faculty for meritorious work. These are made available through the generosity of private individuals and public organisations. Prizes are awarded in respect of each academic year (unless otherwise stated) and are presented annually at a Faculty ceremony, normally in June or July in the following year.

A number of scholarships are also available for postgraduate students in addition to those below and intending applicants should contact the University Graduate School on (02) 9514 1521 for details.

Faculty

Francis E Feledy Memorial Prize

This award was established by the staff of the British Motor Corporation as a memorial to the late Francis E Feledy for his work as an architect and engineer with that company. The award was first made available in 1966 through the then Department of Technical Education. In 1974, the then Institute became the Trustee of the fund. At the discretion of the Trustee, the prize is awarded annually to an outstanding part-time student entering his/her final year in each of the Faculties of Engineering; Science; and Design, Architecture and Building. Each prize is valued at \$600.

Jack Greenland Travelling Scholarship

This annual award commenced in 2002 and is aimed at encouraging students to explore the area of environmentally sustainable development within the broad discipline areas of design, architecture, property and building. The scholarship is open to students enrolled in any undergraduate course in the Faculty of Design, Architecture and Building and is judged on submitted portfolios of work covering the final two years of the applicants'

course. The central ideas of the portfolio are to be related to 'environmentally sustainable development'.

The scholarship is decided by a panel of judges containing at least one UTS Senior Academic external to the Faculty, and the successful applicant is awarded with funds of up to \$2,500 for a return economy flight to an international destination of their choice.

Design

The Carl Nielsen Professional Development Award

This annual award aims to assist recent Graduates in Industrial Design at UTS to visit leading overseas industrial design groups and manufacturing companies noted for their commitment to high standards of product design. It is granted to the applicant judged as the most capable of taking advantage of the opportunities it may provide to advance his or her future professional standing as an industrial designer in Australia.

Written applications from graduates of the previous five years are accepted up to March 31; application information may be obtained from the Faculty Office or the Faculty's website. An amount of \$2,000 will subsequently be available for collection from the Faculty on presentation of a final travel schedule and copies of correspondence confirming invitations and arrangements for visits to nominated design groups/companies.

Insearch UTS Doctoral Award

As a result of the generous support of Insearch UTS, the Faculty of Design, Architecture and Building is able to offer a full-time PhD scholarship to undertake research in the area of design.

The scholarship has a cash value of \$18,000 per year, tax free, and may be supplemented by a limited amount of teaching and/or research assistant activity within the Faculty.

The award cannot be held in conjunction with an APA or UTS Doctoral Scholarship.

Woods Bagot Scholarship in Interior Design

This scholarship rewards academic achievement in Interior Design and assists students in gaining professional work experience. It is awarded to a student enrolled in the third year of the Bachelor of Design in Interior Design course who has demonstrated academic excellence. The scholarship is tenable for two years and has a cash value of \$2,000.

Architecture

Because the Architecture course is changing in 2003, conditions for those awards which are given to students for their achievement in particular subjects may be subject to change. Details are available from the Faculty or online at:

www.uts.edu.au/div/publications/dab/index.html

Alexander and Lloyd Australia Design Prize

Alexander and Lloyd Pty Ltd, Architects, continue to support the efforts of the Faculty and to provide incentives to students with this award. It is awarded annually to the student obtaining the highest weighted average mark in Year 2 of the Architecture course. The prize is a cash award of \$100.

Board of Architects Prize

The Board of Architects of NSW awards an annual prize of \$500 to the graduating student in Architecture who, in the opinion of the students in the Year 6 class, has contributed most to the work and progress of the class as a whole.

The Board of Architects Year Prizes

A prize is awarded to the student in each of the first four years who, in the opinion of the Faculty, shows outstanding achievement in the Architecture course. The prizes are cash awards of \$250.

The Edward Alexander Memorial Prize

This prize was established to honour the late Edward Alexander who was a graduate of the East Sydney Architecture School and contributed a great deal to the school's life and scholarship. It is awarded to the student enrolled in Year 1 of the Architecture course who attains the highest mark in the subject 11911 Architectural Design 1. The prize consists of a certificate and a high quality architectural publication with a cash value of \$250.

J J Greenland Prize for Excellence in the Field of Energy Conservation in Buildings

This prize is funded from the proceeds of the sale of *Foundations of Architectural Science*, written by Dr Jack Greenland, a former member of the School of Architecture. The prize is awarded to a student enrolled in the Architecture course who demonstrates excellence in the field of energy efficient design in

the technology component of the subjects 11951 Architectural Design and Technology 1 (Year 5) and 11961 Architectural Design and Technology 2 (Year 6). It consists of textbooks to a value of \$300.

The New South Wales Chapter of the Royal Australian Institute of Architects Prizes

The New South Wales Chapter of the Royal Australian Institute of Architects (RAIA) awards a prize and, in addition, administers as Trustee, two Memorial Prizes which are awarded to students in Architecture.

The RAIA NSW Chapter Prize

This prize is awarded annually to the graduating student in Architecture with the highest weighted average mark over Years 5 and 6. It comprises a certificate and a cash award, the amount of which is determined each year.

A W Anderson Memorial Prize

The late A W Anderson was active in forming the RAIA and was twice President of the New South Wales Chapter. This prize is awarded for the highest weighted average mark in the subjects 11933 Theory Studies 3 and 11943 Theory Studies 4. It comprises a certificate and a cash award of \$100.

W A Nelson Memorial Prize

This prize is awarded for the best dissertation carried out during Years 5 or 6 of the Architecture course. It comprises a certificate and a cash award of \$120.

Tony Van Oene/Concrete Masonry Association of Australia Memorial Prize

This prize was established in 1992 from a donation received from the Concrete Masonry Association of Australia and the estate of Tony Van Oene, a former student of the School of Architecture. The prize is awarded to a student enrolled in the Architecture course who achieves the highest average mark in the design components of the subjects 11951 Architectural Design and Technology 1 (Year 5) and 11961 Architectural Design and Technology 2 (Year 6). It consists of textbooks related to architecture and urban design to a value of \$360.

William Edmund Kemp Memorial Prize

A fund was established to perpetuate the memory of Mr William Edmund Kemp and his services as an architect with the Department of Education, in connection with Architecture and Technical Education in New South Wales. Mr Kemp designed the original buildings and workshops of Sydney Technical College at Ultimo and the Museum of Applied Arts and Sciences. The fund provides a medal and a cash prize of \$300. The prize is awarded annually to the student who gains the highest weighted average mark in Year 3 of the Architecture course.

Building

Archibald Howie Memorial Prize

The late Sir Archibald Howie provided a fund for a prize to encourage and promote interest in studies in the Construction Management course. The prize may be awarded by the Trustees to a student who obtains the best results in the full final-year program of the Construction Management degree course, either part time or full time. The prize has a cash value of \$150 and is awarded biennially.

The Australian Institute of Building, NSW Chapter Medal

This award is presented to the graduating student from the Construction Management degree course who achieves the highest weighted average mark. It consists of a cash award of \$100, a certificate and a suitably inscribed medal.

Australian Institute of Construction Estimators Prize

The prize is awarded to the Construction Economics student who achieves the highest weighted average mark in the subjects in the second half of the undergraduate course. The prize has a cash value of \$250.

The Australian Institute of Quantity Surveyors (NSW Chapter) Prize

The New South Wales Chapter of the Australian Institute of Quantity Surveyors (AIQS) offers a prize each year for the student who obtains, upon graduation, the highest weighted average mark for the Construction Economics course. The award comprises a sum of \$250 plus one year's associate membership of the AIQS, including the entrance fee, where the recipient is eligible.

The Australian Institute of Quantity Surveyors (NSW Chapter) Environmental Contribution Award

The AIQS (NSW Chapter) awards an annual prize to a student enrolled in the Master of Building in Construction Economics course, who achieves the highest mark in the subject 17560 Research Project. The award comprises a cash prize of \$500 and a Certificate of Achievement.

Grosvenor International Prize in Project Management

This prize is awarded to the student in the second year cohort who, in the opinion of the students in the second year of the Project Management Program, has contributed most to the progress of the cohort as a whole. The prize has a cash value of \$500 and a Certificate of Achievement.

Hugh B Gage Award

The late Hugh Gage, Quantity Surveyor of Parramatta, established this award for students in Construction Economics to encourage initiative and to promote further study. The award is presented to the best Construction Economics student completing the subjects in Year 2 of the part-time undergraduate course. The prize has a cash value of \$125.

The RICS Construction Economics Prize

This prize is awarded to the student who obtains the highest weighted average mark in their first year of the Construction Economics course. The prize has a cash value of \$250.

Rider Hunt High Achievement Award

Rider Hunt of Sydney offers an annual award for the Construction Economics student who has the highest weighted average mark in the undergraduate course, subject to that student having a satisfactory performance in the year for which the award is given. The weighted average mark is calculated in the same manner as that used in the consideration of Honours. The award has a cash value of \$500.

Tracey Brunstrom and Hammond Group Prize

This prize is awarded to a registered student in the undergraduate Construction Management course who attains the highest mark in subjects 16146 Construction Project 2A and 16246 Construction Project 2S. The prize has a cash value of \$1,500 and a certificate of achievement.

Property

AMP Land Economists Prize

This prize is awarded to a full-time student enrolled in the degree course in Property Economics who obtains the highest weighted average mark on completion of the subjects in Year 2 of the full-time program. This prize has a cash value of \$500.

Australian Property Industry Gold Medal

This prize was established in 1991 by the Australian Institute of Valuers and Land Economists. It is awarded to a student enrolled in the Property Economics degree course who completes the degree with the best aggregate mark in Valuation subjects. The prize takes the form of a certificate, a gold medal and a cash award of \$300.

Australian Property Industry Year Prizes

These prizes were established in 1991 by the Australian Institute of Valuers and Land Economists. The prizes are awarded to six students enrolled in the Property Economics degree course who performed best in the six years of the course as described by the part-time program. The six prizes each have a cash value of \$300.

Grosvenor International Prize in Urban Estate Management

This prize is awarded to the student in the second year cohort who, in the opinion of the students in the second year of the Urban Estate Management Program, has contributed most to the progress of the cohort as a whole. The prize has a cash value of \$500 and a Certificate of Achievement.

Property Council of Australia Scholarship

This scholarship was established in 1991 by the Building Owners and Managers Association. It is awarded to a student in the Property Economics degree course who has demonstrated exceptional achievement during the first half of the course and is recognised as having potential for making a contribution to the Australian property industry. The scholarship comprises a certificate and cash award of \$2,000, paid in two instalments.

Real Estate Institute of New South Wales Prize

This prize was established in 1989. It is awarded to the best graduating student from the Property Economics degree course (based on the graduating weighted average mark). The prize has a cash value of \$1,000.

The RICS Land Economics Prize

This prize is awarded to the student who obtains the highest weighted average mark in their first year of the Property Economics course. The prize has a cash value of \$250.

Inquiries

For further information on prizes and scholarships administered by the Faculty of Design, Architecture and Building contact:

N Singh

Assessment and Progression Officer
Faculty of Design, Architecture and Building

telephone (02) 9514 8022

fax (02) 9514 8804

email dab.info@uts.edu.au

www.dab.uts.edu.au

UNDERGRADUATE COURSES

DESIGN

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

- Fashion and Textile Design
- Industrial Design
- Interior Design, and
- Visual Communication

Design students are required to undertake a Professional Core Program specific to each individual course, as well as elective studies or a sub-major to their degree. The four courses also share a number of subjects within the Design Discipline strand.

The following regulations are to be read in conjunction with the University's Rules and By-law, as contained in the *UTS: Calendar* and online at:

www.uts.edu.au/div/publications/policies/index.html

These regulations relate to the majors in the Bachelor of Design course: Fashion and Textile Design; Industrial Design; Interior Design; and Visual Communication.

Awards and graduation

Old course (to be phased out from 2003)

A student is deemed to have completed the educational requirements for the Bachelor of Design course when he or she has achieved 192 credit points made up of the following:

- 132 credit points from core program subjects
- 24 credit points of elective study
- 36 credit points of cross-disciplinary design subjects, including level 100 and Design Theory subjects.

New course (to be phased in from 2003)

A student is deemed to have completed the educational requirements for the Bachelor of Design degree when he or she has achieved 192 credit points comprising the following:

- 138 credit points from the Professional Core Program
- 24 credit points of Elective subjects

- 30 credit points of Design Discipline subjects.

Progression

A student must pass all prerequisites at one level of study before being eligible to proceed to the next level. This requirement may be varied with the approval of the Director of Program or the Responsible Academic Officer.

Design Theory

From 2004 the Design Theory strand will be reformatted as part of the Design Discipline strand. For students from the old course, a number of 2-credit-point Design Theory subjects are offered in 2003:

85480	Visual Culture	2cp
85490	Design Theory (Special)	2cp

Design Discipline subjects

The Design Discipline subjects are a site for the articulation of a common language of design that values creative thinking within a critical framework: the development of analytical and critical thinking through discussion, group work and reflection in conversation across professional boundaries. These Design Discipline subject offerings can encourage attitudes that enable inclusivity and an understanding of difference which leads to a broadening of student perspectives and a flexibility that is seen as a valuable graduate attribute. These qualities will, in the long term, contribute to the discourse of the professions as students embark on their careers.

Design students will undertake 30 credit points of Design Discipline subjects with all being 6 credit points and one semester in duration.

85502	Design History (undertaken in Year 1)
85504	Design Ecology ¹
85505	Design Culture and Contemporary Thought ¹
85506	Design and Asia ¹
85507	Theories of Change ¹
85508	Criticism and Argument ¹
85700	Interdisciplinary Project ¹

¹ These theory subjects will not all be offered each year, but at various times during Years 2–4 of the course.

Elective stream

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

Design electives

Electives/sub-majors offered by the design programs are (all subjects are 6 credit points):

- 88304 Illustration 1
- 88404 Illustration 2
- 88504 Illustration 3
- 88604 Illustration 4
- 88305 Photography 1: Documentation, Introduction to Black and White Photography
- 88405 Photography 2: Communication, Intermediate Black and White Photography
- 88505 Photography 3: Fabrication, Introduction to Colour Photography
- 88605 Photography 4: Construction, Introduction to Studio Photography
- 88306 Textile Design 1
- 88406 Textile Design 2
- 88506 Textile Design 3
- 88606 Textile Design 4
- 88308 Film and Video Design 1
- 88408 Film and Video Design 2
- 88503 Film and Video Design 3
- 88603 Film and Video Design 4
- 88309 Transportation Design 1
- 88409 Transportation Design 2
- 88509 Transportation Design 3
- 88609 Transportation Design 4
- 88310 Design and Sustainable Human Futures 1
- 88410 Design and Sustainable Human Futures 2
- 88510 Design and Sustainable Human Futures 3
- 88610 Design and Sustainable Human Futures 4
- 88311 Furniture Design 1
- 88411 Furniture Design 2
- 88511 Furniture Design 3
- 88611 Furniture Design 4
- 88312 Design for Theatre 1
- 88412 Design for Theatre 2
- 88512 Design for Theatre 3
- 88612 Design for Theatre 4
- 88330 Cinema and Design to 1960
- 88430 Cinema and Design from 1960

Exchange

The Design Studies programs offer students opportunities to undertake concurrent study at approved institutions overseas. The Faculty of Design, Architecture and Building has a Memorandum of Understanding with institutions in Canada, Germany, Japan, Korea and the United Kingdom. The following subjects are used for concurrent studies overseas:

- 89950 Weisbaden (Germany)
- 89951 University of Brighton (UK)
- 89952 St Martin's College of Design (UK)
- 89960 Manchester Metro (UK)
- 89953 Kyushu 1 (Japan)
- 89954 Kyushu 2 (Japan)
- 89955 Yonsei (Korea)
- 89956 Ryerson (Canada)
- 89961 Ryerson 2 (Canada)
- 89957 Voralberg (Germany)
- 89958 Technical University Berlin (Germany)
- 89962 TU Delft (Netherlands)

Assessment policy

This policy statement has been adopted in accordance with the University's policy on assessment. Successful implementation of this policy requires understanding, commitment and active participation in assessment processes by both students and staff. It is important that staff and students are familiar with the policy and that they work to ensure that assessment processes are conducted as consistently and fairly as possible.

The assessment period for the Bachelor of Design is one semester.

A semester program for each subject is provided to students by the third week of the semester. This program provides, in more detail than the subject description, an outline of the content, staffing, teaching/learning strategies, pattern of assignments, assignment weighting and basis of assessment planned for the semester. The basis for assessment is spelt out in the semester program for each subject. Attendance and participation in classes may be a prerequisite for a Pass assessment in all subjects. Achievement of a subject's aims becomes difficult if many lectures, seminars, tutorials or studio/workshop sessions are missed.

The assignment conditions set by the subject lecturer define, as necessary, the submission format, the submission deadline and the assessment criteria. The submission deadline is the date and time at which the assignment

is due. Assignments are required to be delivered to the subject lecturer, or to the person nominated by the subject lecturer to accept submissions, before the deadline.

Late submissions are not accepted. The only exceptions to this policy can occur where prior arrangements have been made with the subject lecturer. Students are strongly advised, in their own interest, to make an incomplete submission on time rather than to seek acceptance of a late submission.

Incomplete assignment submissions will be accepted before the deadline and will be assessed, and any students who believe themselves to have been prevented by disability or misadventure from completing an assignment may attach to their submitted work a written explanation of the circumstances preventing completion.

Subject assessments are compiled by coordinating examiners, in consultation with staff teaching the subject and with the Director of Program. In the compilation of subject assessments, assignment marks are weighted to reflect the duration, importance and effectiveness, as a measure of competencies, of the various assignments. Each grade proposed is based upon a percentage score.

A Conceded Pass or R result can be awarded to a student by the Examination Review Committee. This is given to a student whose mark is just below the Pass/Fail boundary. In any one semester a student may be awarded one Conceded Pass only, and in order to be granted that, must have achieved passing grades in all other subjects attempted and a weighted average mark of 55 or greater in that assessment period.

The Examination Review Committee meets to consider consolidated results. Medical and other properly submitted evidence about factors affecting a student's performance plus records of absences and approved leave are considered. When approved and adopted by the Examination Review Committee, results become official and are released to students by the University's Student Administration Unit.

Bachelor of Design in Fashion and Textile Design

- ◆ UTS course code: C10055 (pre-2003: DF01)
- ◆ UAC code: 601040
- ◆ Testamur title: Bachelor of Design in Fashion and Textile Design
- ◆ Abbreviation: BDesign
- ◆ Course fee: HECS (local) \$7,000 per semester (international)
- ◆ Total credit points: 192

Fashion and textile design is concerned with the design of fashion clothing, surface and textiles, their related fields and technologies. The course deals with the changing needs and values of society and how this reflects on the direct and allied industries. The context of the course covers aspects from street to high-end fashion, and fashion to interior textiles.

Fashion and textile designers work with or alongside manufacturers and marketers; they have responsibility for design direction and marketability of produced concepts. They need to have an awareness of current and projected trends and values in lifestyle, and a detailed understanding of materials, technologies and process methodologies of the fashion and textile industry.

Course aims

The structure of the course is planned to produce graduates who aspire to the highest level of practice and who, as individuals, are capable of adapting to the diversified and changing nature of the industry while developing a personal philosophy and style.

Course duration

This course is offered on a four-year, full-time basis.

Course structure

The first year of study consists of Fashion Design specific subjects and Design Discipline subjects. Major areas of study focus on technology, communication and design, supplemented by design theory.

Second-year subjects consider fashion and allied technologies, research and communications. Through the study of theory and practice in these fields, students develop their understanding of the design process, its

adaptation and application to society. Third-year subjects encourage specialist development of individual design practice, together with a professional experience program and academic research. This independent inquiry continues through to the fourth year, culminating in a major project.

Course program

Year 1

Autumn semester

83000	Thinking Fashion	6cp
83120	Fashion Technology: Flat Pattern and Construction	6cp
83121	Fashion Communication: An Introduction	6cp
85502	Design History	6cp

Spring semester

83xxx	Fashion Design Methods	6cp
83xxx	Fashion Technology: Pattern Making and Construction	6cp
83xxx	Fashion Communication: Fashion Drawing and Digital Media	6cp
85503	Thinking Design	6cp

Year 2

Note: Course program for Years 2 and 3 is subject to change in 2003. See the Faculty for details or online at:

www.uts.edu.au/div/publications/dab/index.html

Autumn semester

83331	Fashion Design 1	6cp
83332	Print Technology	6cp
83333	F&T Communications 2	6cp
85xxx	Design Theory subject ¹	2cp
xxxxx	Elective	6cp

Spring semester

83441	Fashion Design 2	6cp
83442	Sustainable Practice	6cp
83443	Marketing and Management	6cp
85xxx	Design Theory subject ¹	2cp
xxxxx	Elective	6cp

¹ Refer to the Design Discipline subjects listed on page 36.

Year 3

Note: Course program for Years 2 and 3 is subject to change in 2003. See the Faculty for details or online at:

www.uts.edu.au/div/publications/dab/index.html

Autumn semester

83551	Fashion Design 3	6cp
83552	Digital Fashion and Textiles Elective	6cp
83553	Research Project F&T	6cp
85xxx	Design Theory subject ¹	2cp
xxxxx	Elective	6cp

Spring semester

83661	Fashion Design Elective	6cp
83662	Design and Industry	6cp
83663	Professional Practice F&T	6cp
85xxx	Design Theory subject ¹	2cp
xxxxx	Elective	6cp

Year 4

Note: Course program for Year 4 is subject to change in 2004

Autumn semester

83771	International Design	6cp
83780	Research Dissertation F&T	6cp
85700	Interdisciplinary Project	6cp
854xx	Design Theory subject ²	2cp

Spring semester

83880	Major Project F&T	24cp
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¹ Refer to the Design Discipline subjects listed on page 36.

² Refer to the Design Theory subjects listed on page 36.

Bachelor of Design in Industrial Design

- ◆ UTS course code: C10053 (pre-2003: DD01)
- ◆ UAC code: 601050
- ◆ Testamur title: Bachelor of Design in Industrial Design
- ◆ Abbreviation: BDesign
- ◆ Course fee: HECS (local)
\$7,000 per semester (international)
- ◆ Total credit points: 192

Industrial designers are concerned with the design of products to be produced by manufacturers. Employed by design consultants and industry, industrial designers are responsible for the visual and tactile qualities of products, their efficiency and cost effectiveness, and the wider implications the product may have to the society and the environment.

Course aims

This course is planned to produce graduates who can adapt successfully to industrial and social change and be capable of taking leadership roles in industry.

The program is designed to reflect the many changes occurring in industrial design. The increasing reliance on information systems and the development of powerful computing tools are changing the way designers work and how they relate to their clients and the users of products. The program expresses these developments through an emphasis on collaborative work, information handling and use of electronic technologies. Understanding the place of design in the context of the socio-cultural, economical, and environmental systems provides the foundation for the design of products which are sustainable over the long term.

Course duration

This course is offered on a four-year, full-time basis.

Course structure

The curriculum is based on a problem-solving approach and self-directed learning.

Lectures, seminars and tutorials support students engaged in projects and in workshops which are run concurrently with the projects. The workshops focus on subjects ranging

from manufacturing and ergonomics to marketing and engineering science. A strand of Design Discipline subjects runs throughout much of the course as does elective study which provides an opportunity to develop expertise in another area of design such as transport or film and video.

Course program

Year 1

Autumn semester

84110	Aesthetics in Industrial Design	6cp
84111	Understanding Three-dimensional Form	6cp
84112	Industrial Design Communications	6cp
85502	Design History	6cp

Note: The course program, for Spring semester first year, and second, third and fourth years is subject to change in 2003. See the Faculty for details or online at:

www.uts.edu.au/div/publications/dab/index.html

Spring semester

84221	Industrial Design Project 200A	6cp
84222	Industrial Design Project 200B	6cp
84223	Industrial Design Workshop 200C	6cp
85xxx	Design Theory subject ¹	2cp

Year 2

Autumn semester

84331	Industrial Design Project 300A	6cp
84332	Industrial Design Project 300B	6cp
84333	Industrial Design Workshop 300C	6cp
85xxx	Design Theory subject ¹	2cp
xxxxx	Elective	6cp

Spring semester

84441	Industrial Design Project 400A	6cp
84442	Industrial Design Project 400B	6cp
84443	Industrial Design Workshop 400C	6cp
85xxx	Design Theory subject ¹	2cp
xxxxx	Elective	6cp

Year 3

Autumn semester

84551	Industrial Design Project 500A	6cp
84552	Industrial Design Project 500B	6cp
84553	Industrial Design Workshop 500C	6cp
85xxx	Design Theory subject ¹	2cp
xxxxx	Elective	6cp

Spring semester

84661	Industrial Design Project 600A	6cp
84662	Industrial Design Project 600B	6cp
84663	Industrial Design Workshop 600C	6cp
85xxx	Design Theory subject ¹	2cp
xxxxx	Elective	6cp

Year 4**Autumn semester**

84771	Industrial Design Project 700A	6cp
84780	Research Dissertation ID	6cp
85700	Interdisciplinary Project	6cp
85xxx	Design Theory subject ¹	2cp

Spring semester

84880	Industrial Design Major Project	24cp
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¹ Refer to the Design Theory Subjects listed on page 36.

Bachelor of Design in Interior Design

- ◆ UTS course code: C10057 (pre-2003: DT01)
- ◆ UAC code: 601060
- ◆ Testamur title: Bachelor of Design in Interior Design
- ◆ Abbreviation: BDesign
- ◆ Course fee: HECS (local)
\$7,000 per semester (international)
- ◆ Total credit points: 192

Interior design is concerned with the design of all aspects of the interior built environment. Interior design is carried out as a response to needs expressed according to the uses of the built environment. Interior designers work with building construction, building materials and building product supply industries according to their individual theoretical position or that of an employer, to create designs for interior built environments. Interior designers also work with other building design consultants such as engineers and architects. They need to have a thorough understanding of all phases of cultural aspects of designed space, from the objective to the subjective, from the individual to the collective, the material to the non-material and be able to work within the media that represent those aspects of cultural space, in their design work.

Course duration

This course is offered on a four-year, full-time basis.

Course structure

The interior design program allows for a broad view of the role of the interior designer. To implement this the course allows for specialised and flexible learning paths in which experimentation, exploration and investigation are offered. The first year of study consists of interior design specific subjects and Design Discipline subjects. In Years 2 and 3, the interior design student may choose a specialised sequence of studios from a range of elective core subjects.

A Design Discipline project in fourth year offers a collaborative subject to the final year student. The first semester of the final year consists of a single design project and a dissertation. In the single industry project, students investigate the practice of interior

design in the course of completing the studio design work. In the dissertation, students carry out research and analysis of a selected design topic. In the final semester of study, students complete an individual semester-long design project in which they demonstrate their particular interior design stance.

Students are required to elect core subjects for the following year during the Spring semester of the preceding year. The program reserves the range of subjects to be offered until the election process takes place. Students may only enrol in subjects that are being offered. The numbers for each subject are limited. The allocation of students to subjects is subject to an equitable distribution process.

Core subjects from other programs may be elected but are subject to the approval of the Program Director of both Interior Design and the program from which the subject is chosen.

Core subjects

Sixty-six credit points are required to be completed in the Interior Design core by the end of Year 3. Students must each undertake a minimum of three subjects from each subject stream. The remaining subject required for Years 2 and 3 can be taken from any of the Interior subject streams. Interior Design core subjects are offered on a student demand basis. Students can study this program part time after consultation with the Director of Program.

Course program

Year 1

Autumn semester

86000	Interior Methodology and Space	6cp
86320	Material Science and Space	6cp
86420	Interior Communications	6cp
85502	Design History	6cp

Spring semester

86120	Interior Identity and Space	6cp
86110	Interior Computing	6cp
86111	Interior Technology	6cp
85503	Thinking Design	6cp

Years 2 and 3

855xx	Two Design Discipline subjects ¹	12cp
xxxxx	Electives/sub-major 4 x 6cp ²	24cp
	<i>plus</i>	
	10 subjects from the following streams	60cp

Years 2 and 3 (cont.)

Interior Industry subject stream

(minimum three subjects)

86131	Interior Technology – Hospitality Design/Food Services	6cp
86132	Interior Technology – Hospitality Design/Accommodation	6cp
86140	Residential Design and Technology	6cp
86150	Corporate Identity/Retailing Design and Technology	6cp
86160	Workplace Design and Technology	6cp
86170	Conservation/Intervention Design and Technology	6cp
86190	Special Industry Project	6cp

Interior Theory and Elements subject stream

(minimum three subjects)

86230	Historical Models of Space	6cp
86231	Classical Space	6cp
86232	Eastern Space	6cp
86233	Free Space	6cp
86250	Behaviour and Space	6cp
86280	Interior Theory and Space	6cp
86290	Special Elements Project	6cp

Interior Science and Systems subject stream

(minimum three subjects)

86240	New Technology and Space	6cp
86331	Environment and Interior Space	6cp
86340	Light and Space	6cp
86351	Sound and Space	6cp
86360	Body and Space	6cp
86370	New Materials, Systems and Space	6cp
86390	Special Interior Science Project	6cp

Year 4

Note: Course program for Year 4 is subject to change in 2004.

Autumn semester

86777	Professional Practice and Industry Project	6cp
86780	Interior Design Dissertation	6cp
85700	Interdisciplinary Project	6cp
85xxx	Design Theory subject ³	2cp

Spring semester

86880	Interior Design Major Project	24cp
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¹ Refer to the Design Discipline subjects listed on page 36.

² A total of 24 credit points of electives are to be completed during Years 2 and 3.

³ Refer to Design Theory subjects on page 36.

Bachelor of Design in Visual Communication

- ◆ UTS course code: C10059 (pre-2003: DV01)
- ◆ UAC code: 601070
- ◆ Testamur title: Bachelor of Design in Visual Communication
- ◆ Abbreviation: BDesign
- ◆ Course fee: HECS (local)
\$7,500 per semester (international)
- ◆ Total credit points: 192

Visual communication design involves the creation, processing and production of messages in an ever-expanding range of communication contexts. Designers are employed for their expertise and creativity to develop the optimum form and impact of the message. The message may need to instruct, direct, inform, entertain and/or persuade and its form may include text, image and/or sound which may be generated by hand and/or digitally. The medium of the message may be static and/or dynamic.

Course aims

The Visual Communication course aims to prepare students for this diversity and expects graduates to aspire to the highest level of professional practice and to take an imaginative and constructively critical approach to their work. Two important features of the course are that students are encouraged to develop their own creative abilities and to be aware of the broader cultural, social and political impact of their design work. Visual Communication studies focus on an understanding of the way the design process is mediated by the contemporary sociopolitical framework within which it occurs.

Subjects actively encourage conceptual skills and design processing in the context of communication, rather than the performance of technical operational skills. This is emphasised throughout the course which is structured to allow students to select areas of interest particularly in the second half of the course.

Course duration

This course is offered on a four-year, full-time basis. Students can study this program part time after consultation with the Director of Program.

Course program

Year 1

Autumn semester

87100	VC Project: Reflective Practice	6cp
87118	VC Studies: Image Experimentation	6cp
87117	VC Technology: Visible Language	6cp
85502	Design History	6cp

Spring semester

87222	VC Project: Symbols and Systems	6cp
87221	VC Studies: Histories of Visual Communication	6cp
87333	VC Technology: Introduction to Typography	6cp
85503	Thinking Design	6cp

Year 2

Note: Course program for Years 2 and 3 is subject to change in 2003. See the Faculty for details or online at:

www.uts.edu.au/div/publications/dab/index.html

Autumn semester

87335	Design Project VC 3	6cp
87331	Design Studies VC 3	6cp
87333	Typography 1	6cp
85xxx	Design Theory subject ¹	2cp
xxxxx	Elective	6cp

Spring semester

87445	Design Project VC 4	6cp
87441	Design Studies VC 4	6cp
87443	Typography 2	6cp
85xxx	Design Theory subject ¹	2cp
xxxxx	Elective	6cp

Year 3

Autumn semester

87555	Design Project VC 5	6cp
87551	Design Studies VC 5	6cp
87553	Visual Technologies 1	6cp
85xxx	Design Theory subject ¹	2cp
xxxxx	Elective	6cp

Spring semester

87665	Design Project VC 6	6cp
87661	Design Studies VC 6	6cp
87663	Visual Technologies 2	6cp
85xxx	Design Theory subject ¹	2cp
xxxxx	Elective	6cp

Year 4

Note: Course program for Year 4 is subject to change in 2004.

Autumn semester

87780	VC Studies: Research Dissertation	6cp
87772	VC Project: Self-direction	6cp
85700	Interdisciplinary Project	6cp
854xx	Design Theory subject ²	2cp

Spring semester

87880	VC: Major Project	24cp
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¹ Refer to the Design Theory subjects listed on page 36.

Subjects available for non-Visual Communication students

All Visual Communication core subjects are potentially available as electives to non-Visual Communication students subject to adequate space in classes; selection criteria and / or pre-requisites also apply. Seek academic advice from the Director of Program.

ARCHITECTURE

In 2003 the Architecture program will be introducing revised versions of the following degrees:

- Bachelor of Arts in Architecture
- Bachelor of Arts (Honours) in Architecture, and
- Bachelor of Architecture.

The Architecture program will also be introducing a new degree:

- Bachelor of Architecture (Honours).

The old degrees will be phased out in 2003, and new students will enter directly into the revised course.

All existing students enrolled in the 2002 course will have specific arrangements made for their transition into the revised course.

For detailed information about the new course and transition arrangements, contact the Faculty or refer to the website:

www.uts.edu.au/div/publications/dab/index.html

The following course descriptions apply only to the old courses, with the exception that during 2003, the Architecture program will continue to run all subjects of the old Year 6 (final year) for one more year. Students completing Year 5 in 2002, who have completed the normal sequence of subjects for Year 5 and are seeking to conclude their studies in 2003, will thus be able to complete the current course by the end of that year. All subjects in this old Year 6 have been adjusted to conform to the University's requirement for semester-long subjects, however they are essentially unchanged from the previous course.

The Architecture program at UTS offers intellectual and professional education through two distinct but consecutive and strongly interconnected degree courses. The first tier of this two-tier structure comprises a Bachelor of Arts in Architecture, awarded after successful completion of the first four years of the program. The second tier comprises either a Bachelor of Architecture or a Master of Architecture degree after a further two years of study.

The Bachelor of Architecture is a professional degree, i.e. a qualification accepted for candidates seeking to take the professional examination of the Board of Architects and Royal Australian Institute of Architects (RAIA) as a prerequisite to registration under

the provision of the Architects Act. The Bachelor of Architecture may be undertaken **only after** the successful completion of the Bachelor of Arts in Architecture degree (or equivalent), a degree which by itself does **not** lead to professional recognition.

Note that for administrative purposes **all** potential students, irrespective of the likelihood of entry with advanced standing, **must** apply for entry to the Bachelor of Arts in Architecture program; neither the Bachelor of Architecture nor the Master of Architecture may be undertaken as a 'stand alone' degree.

Under the current course structure students may be eligible to undertake a range of degree options, and may choose to undertake such degrees in a variety of year patterns. The chart below outlines likely patterns.

The following regulations are to be read in conjunction with the University's Rules and By-law, or contained in the *UTS: Calendar* and online at:

www.uts.edu.au/div/publications/policies/index.html

Course aims – cooperative education

A fundamental aim of the Architecture courses offered in the Faculty is to provide opportunities for students to combine study with practice, which is realised through the use of a combination of full-time and cooperative education programs.

The essence of cooperative education is the joint provision of architectural education by both the academy and the architectural profession. In this way a balance is maintained between intellectual study and practical training, between the study of architecture as a scholarly discipline in the University and the provision and development of professional skills in the workplace. Students thus engage contemporaneously in academic pursuits and practice through carefully monitored programs.

Delivery of architectural education in the cooperative attendance mode places serious teaching obligations on both providers and students. On the part of the University, the obligation is to provide intellectual training by offering informed and challenging programs that treat in detail the study of architecture as a scholarly discipline. On the part of the profession, in cooperation with the University in the provision of architectural education, the

obligation is to provide the practical training and experience that leads to the development of the skills necessary for the pragmatic practice of architecture as a professional and vocational discipline. On the part of the student, the obligation is to assimilate the two, to weld the intellectual with the practical, the academic with the vocational, the University with the profession.

This parallel development in intellect and practice makes for balanced and well-informed students who can contribute at all stages of their education to their vocational discipline. The structure of the program also allows for maximum flexibility of study choices and career specialisation.

In general, the cooperative education model means that students attend the University for one full day (9.00 a.m. – 9.00 p.m.) plus one additional evening (5.00 p.m. – 9.00 p.m.) per week during semester, while at the same time gaining practical experience by working, and thus being trained in an architect's office for at least a further three days per week.

Approved architectural experience is a precondition for the award of each of the degrees. Generally it takes approximately two years for a student to accumulate sufficient practice credit points to qualify for the award of the Bachelor of Arts in Architecture degree, and four years to qualify for the awards of Bachelor of Architecture or the Master of Architecture degrees.

At completion of the academic program, and with the signed approval of the Director of Professional Practice, a student may submit a completed log book to the Board of Architects for confirmation of eligibility to submit for the Board of Architects Examination with a view to qualifying for vocational registration.

All information regarding registration with the Board of Architects and membership of the NSW Chapter of the Royal Institute of Australian Architects may be obtained from:

The Registrar
Board of Architects of NSW
'Tusculum', 3 Manning Street
Potts Point NSW 2011
telephone (02) 9356 4900

Portfolio reviews and *viva voce* examinations

Portfolio reviews

At Years 1, 2 and 3 of the BA in Architecture and BA(Hons) in Architecture degree programs, the subjects 11911, 11921 and 11931 (Architectural Design 1, 2 and 3) and 11912, 11922 and 11932 (Technology 1, 2 and 3) are monitored by a Portfolio Review Panel which inspects the year's work of each student, monitors the marks awarded and arrives at a final grading by consensus. At Year 5 level of the new Bachelor of Architecture/Master of Architecture degree program, the single subject 11951 (Architectural Design and Technology 1) is similarly reviewed.

The Portfolio Review Panel consists of some or all of the following:

- Professor of Architecture
- Subject-strand Director: Architectural Design
- Tuition staff: Architectural Design
- Subject Coordinator: Design
- three student representatives from the Year level being examined.
- all staff contributing to the specific subject(s) and/or component(s) in the Year level being examined.

This approach ensures that consistent standards can be applied and provides stringent safeguards.

Viva voce examinations

At Year 4 level of the BA and BA(Hons) degree programs, and at Year 6 level of the new Bachelor of Architecture/Master of Architecture programs, the subjects 11941 (Architectural Design 4), 11965 (Architectural Design Technology) 2A and 11975 (Architectural Design and Technology 2S) respectively are examined by way of a *viva voce* review.

The *Viva Voce* Review Panel is similar to the Portfolio Review Panel with the addition of an external academic and a professional representative.

Architecture program structure

Option	Award	cp	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
1	BA in Arch [C10004]	144	FT (48cp)	co (32cp)	co (32cp)	co (32cp)			
2	BA (Hons) in Arch [C09001]	174	FT (48cp)	co (32cp)	co (32cp)	FT (62cp)			
3	BA (Hons) in Arch [C09001]	174	FT (48cp)	co (32cp)	co (32cp)	co (32cp)	co (32cp)		
4	BArch [C08001]	208	prerequisite – BA in Arch				co (32cp)	co (32cp)	
5	MArch [C04005]	276	prerequisite – BA (Hons) in Arch				FT (48cp)	FT (48cp)	
6	MArch [C04005]	276	prerequisite – BA (Hons) in Arch				co (32cp)	co (32cp)	co (32cp)

FT = Full-time attendance
co = Cooperative attendance

Bachelor of Arts in Architecture¹

- ◆ UTS course code: C10004 [pre-2003: AA03]
- ◆ UAC code: 601000
- ◆ Testamur title: Bachelor of Arts in Architecture
- ◆ Abbreviation: BA
- ◆ Course fee: HECS (local)²
- ◆ Total credit points: 144

The Bachelor of Arts in Architecture degree provides the first of a two-tier professional education course offered within the Faculty, the second tier comprises the Bachelor of Architecture/Master of Architecture programs (see pages 52–55).

Course duration

The Bachelor of Arts in Architecture is a four-year program which may be undertaken as either a Pass or Honours degree.

Course structure

The Pass degree of the Bachelor of Arts in Architecture comprises 144 credit points.

Year 1, undertaken via full-time study, comprises 48 credit points and involves the equivalent of approximately 21 contact hours per week over two semesters. Years 2, 3 and 4 are undertaken as part of a cooperative education program, with each year comprising 32 credit points and involving the equivalent of 13 contact hours per week over two semesters.

While all subjects are compulsory in the Bachelor of Arts in Architecture program, a wide range of content choices, and opportunities for specialisation, are available to students via the Elective Studies subjects.

Any student **entering** the architecture course at Year 4 level, i.e. entering with advanced standing, is **not** eligible for award of the Bachelor of Arts in Architecture degree, (either Pass or Honours degree), after the successful completion of Year 4 of the BA program. For such students, Year 4 is considered as a **qualifying year** for entry to Years 5 and 6 of the course. Students must have been enrolled

for, and have successfully completed, a minimum of two full years of the program to be eligible for receipt of the degree.

Students wishing to undertake the Master of Architecture program in Years 5 and 6 are required to successfully complete the Year 4 Honours program at the requisite level prior to such enrolment.

Course program

Year 1

11911	Architectural Design 1	17cp
11912	Technology 1	13cp
11913	Theory Studies 1	9cp
11914	Professional Practice 1	3cp
11915	Elective Studies 1	6cp

Year 2

11921	Architectural Design 2	8cp
11922	Technology 2	9cp
11923	Theory Studies 2	9cp
11924	Professional Practice 2	—
11925	Elective Studies 2	6cp

Year 3

11931	Architectural Design 3	8cp
11932	Technology 3	5cp
11933	Theory Studies 3	9cp
11934	Professional Practice 3	4cp
11935	Elective Studies 3	6cp

Year 4

11941	Architectural Design 4	10cp
11942	Technology 4	12cp
11943	Theory Studies 4	6cp
11944	Professional Practice 4	4cp

Honours

Any student who has passed all subjects at Years 1 and 2 level **and** recorded no failures at Years 1 or 2 level, may elect to undertake the Honours Qualifying program in Year 3. The decision to undertake the Honours Qualifying program is made at the beginning of Semester 2 of Year 3, with students undertaking additional work towards the Honours degree in that semester.

To qualify for entry into the Honours program in Year 4, students undertaking the Honours Qualifying program in Year 3 must:

1. pass all subjects undertaken at Year 3 level, including any elective subjects undertaken outside the program
2. obtain a weighted average mark at Credit level or above, calculated on the basis of

¹ Course structure subject to change in 2003. See the Faculty for details or online at:

www.uts.edu.au/div/publications/dab/index.html

² This course is not offered to international students.

all subjects undertaken and required for the Pass degree at Year 3 level

- pass the subject 11936 Honours Qualifying at Credit level or above.

Students who do not meet these requirements undertake the Pass degree program in Year 4.

Students who have already successfully completed the Pass degree of the BA in Architecture and who wish to undertake the Honours program are eligible to do so provided that they:

- have recorded no failures at either Year 3 or 4 levels
- have obtained a weighted average mark at Credit level in all Year 3 and Year 4 subjects
- have not previously attempted and recorded a Fail in the Year 3 and/or 4 Honours program, and
- enrol in the Honours program in the academic year immediately following that in which they have completed the BA Pass degree and thus prior to their receipt of that degree. Such students are exempt from the Year 3 Honours Qualifying program but are required to undertake the full Year 4 Honours program. Note that in such cases only one BA degree is awarded.

Bachelor of Arts (Honours) in Architecture¹

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- ◆ UTS course code: C09001 (pre-2003: AA04)
 - ◆ Testamur title: Bachelor of Arts (Honours) in Architecture
 - ◆ Abbreviation: BA(Hons)
 - ◆ Course fee: HECS (local)²
 - ◆ Total credit points: 174
-

The Honours degree of the Bachelor of Arts in Architecture is an essential component of the educational profile established within the new course structure, particularly in light of the continuation of the professional course at both Bachelor of Architecture and Master of Architecture level. Entry to the professional Master's program is through the BA (Honours) in Architecture program.

Attendance

The Honours program in Year 4 may be undertaken either:

- concurrently with all other Year 4 subjects as a full-time year (32+30=62 credit points). Students wishing to take this option begin research for their major Honours thesis immediately after receiving notification of their successful completion of the full Year 3 program (i.e. mid-December of the third academic year)
- or*
- over two years in a cooperative education mode. Students wishing to take this option are required to undertake the subjects 11941 Architectural Design 4, 11942 Technology 4, 11943 Theory Studies 4 and 11944 Professional Practice 4 in the first year (32 credit points) followed by the subjects 11946 Design Honours, and 11945 Honours Elective Thesis in the second year (30 credit points).

Course duration

The Honours degree is nominally of four years' duration.

¹ Course structure subject to change in 2003. See the Faculty for details or online at:

www.uts.edu.au/div/publications/dab/index.html

² This course is not offered to international students.

Course structure

The four-year Honours degree comprises 180 credit points.

Electives

In each of Years 1, 2 and 3 of the BA program all students are able to choose to study areas of specific interest by enrolling in the subjects Elective Studies 1, 2 and 3. At each year level the subject carries a weighting of six credit points, thus allowing students to undertake either two components at three credit points each or one component at six credit points.

Students are free to choose from a range of available options as follows:

1. components offered within the Architecture program
2. subjects offered in other programs in the Faculty of Design, Architecture and Building, subject to approval by the Program concerned
3. subjects offered in other faculties in the University, subject to approval by the Faculty concerned.

Subjects undertaken outside the Architecture program may not exceed six credit points.

Components offered within the Architecture program may vary from year to year depending on staff availability. Components offered within the BA in Architecture program in 2003 are listed below. Students are advised of any changes/additions at the beginning of the academic year.

In special instances students may be **directed** to utilise the six credit points available in the Elective Studies strand to 'pick up' a compulsory subject that they might otherwise have missed. For example, given the program's commitment to acknowledging previous educational experiences, students accepted directly into the course at Year 2 or 3 level may be required, as a condition of their enrolment with advanced standing, and in order to address a perceived 'lack' in their previous education, to undertake prescribed subjects or components from an earlier year.

In all such cases, all required subjects are confirmed with individual students prior to enrolment.

Note that in some elective components maximum class size may be limited according to availability of facilities.

In terms of timetabling, appropriate teaching hours are allocated in each of the first three years for Elective Studies. Since students may elect to choose subjects from outside the Architecture program, these timetable hours refer only to elective components offered **within the program**. Additionally, students should note that subjects taken outside the Architecture program must not conflict with the program's timetable for compulsory subjects.

Students entering the Architecture program with previous university experience may request exemptions from the subject Elective Studies at the appropriate year level(s).

Elective subjects offered within the Architecture program

Subject to staff availability the following elective components will be offered within the Architecture program in 2003:

Year 1

11915	Elective Studies 1: Evolution of Human Settlement	3cp
11915	Elective Studies 1: Life Drawing	3cp
11915	Elective Studies 1: Architecture/Technology/History	3cp

Year 2

11925	Elective Studies 2: Sustainable Architecture 1	3cp
11925	Elective Studies 2: Architectural Computing 2E ¹	3cp
11925	Elective Studies 2: Architectural Photography 1 ²	3cp

Year 3

11935	Elective Studies 3: Sustainable Architecture 2	3cp
11935	Elective Studies 3: History of Architecture 3E	3cp
11935	Elective Studies 3: Architectural Computing 3E ¹	3cp
11935	Elective Studies 3: Theory and Architecture 3A	3cp
11935	Elective Studies 3: Theory and Architecture 3B ²	3cp

¹ Maximum class size is 25.

² Maximum class size is 15.

Other selected specialist study areas may be offered from time to time, depending on available expertise. Further details may be found in the Subject Descriptions section in this handbook.

Elective subjects available in the Faculty in 2003

Certain subjects from programs in the discipline of Design may be available as suitable elective subjects for students enrolled in the BA in Architecture degree. As a general principle, students enrolled in Years 1–3 of the BA in Architecture might consider those subjects offered in the Design discipline under the heading of Elective Stream. Further details may be found in the relevant section of this handbook.

Additionally, certain subjects from programs in the disciplines of Building and Property Studies may be available as suitable elective subjects for students enrolled in the BA in Architecture degree. Further details may be found in the relevant section of this handbook.

Elective subjects offered by other faculties

Students may undertake subjects in other faculties of the University, subject to approval by both the specific faculty concerned and by the Coordinator of Electives in the Architecture program.

Special conditions for electives in Year 4

While students wishing to undertake the Bachelor of Architecture degree must first successfully complete all subjects in the BA in Architecture degree, and those wishing to undertake the Master of Architecture degree must complete the BA (Honours) in Architecture degree at the required level, certain students may not wish to proceed to the professional degrees, choosing instead to leave after completion of either the Pass or the Honours degree of BA in Architecture. In such cases a student may, with the permission of the Program Director of Architecture, elect **not** to enrol in, but rather to undertake a special Year 4 Elective Studies program. This would be in an area of the student's special interest, such a course of action allowing for greater flexibility and offering the potential for the development of alternative career specialisations at an early stage. Note, however, that students wishing to exercise this option may delete no more than 12 credit points from the Year 4 compulsory program.

In the immediate future, and for reasons of the availability of resources, only a limited range of alternatives are offered within the Architecture program and, depending on the student's intended specialty or future study plans, he or she is encouraged to look to other areas of the Faculty/University.

Students completing the final year of their degree may apply to undertake, as part of their fourth year of study, certain components offered within the Bachelor of Architecture course. To do this they need to take components from Years 5 and 6 to **replace** the 10 credit points of 11941 Architectural Design 4.

Course program

Year 1

11911	Architectural Design 1	17cp
11912	Technology 1	13cp
11913	Theory Studies 1	9cp
11914	Professional Practice 1	3cp
11915	Elective Studies 1	6cp

Year 2

11921	Architectural Design 2	8cp
11922	Technology 2	9cp
11923	Theory Studies 2	9cp
11924	Professional Practice 2	—
11925	Elective Studies 2	6cp

Year 3

11931	Architectural Design 3	8cp
11932	Technology 3	5cp
11933	Theory Studies 3	9cp
11934	Professional Practice 3	4cp
11935	Elective Studies 3	6cp
11936	Honours Qualifying	6cp

Year 4

11941	Architectural Design 4	10cp
11942	Technology 4	12cp
11943	Theory Studies 4	6cp
11944	Professional Practice 4	4cp
11945	Honours Elective Thesis	24cp
11946	Design Honours	6cp

Assessment

To be awarded the Honours degree of the Bachelor of Arts in Architecture, a candidate must fulfil all the requirements for the Pass degree **plus**:

1. undertake and achieve at least a Credit grade in the Year 3 subject 11936 Honours Qualifying
2. undertake and achieve passes in the Year 4 subjects 11945 Honours Elective Thesis and 11946 Design Honours
3. have recorded no failures in any Year 3 or 4 subjects
4. obtain a weighted average mark at Credit level or above, calculated on the basis of

all subjects undertaken and required for the Pass degree at Year 4 level.

Class of Honours

Provided that the above conditions have been met, the class of Honours to be awarded is determined as follows, subject to Faculty Board approval:

- First Class Honours – weighted average mark of 75 or above in subjects 11945 Honours Elective Thesis and 11946 Design Honours
- Second Class Honours Division 1 – weighted average mark of ≥ 70 but < 75 as above
- Second Class Honours Division 2 – weighted average mark of ≥ 65 but < 70 as above
- Third Class Honours – weighted average mark of ≥ 50 but < 65 as above.

Students who undertake the Honours program in Year 4 but who record failures in any of the Honours components are (having satisfactorily completed all other subjects) awarded the Pass degree of the Bachelor of Arts in Architecture.

Note: Under special conditions the Year 4 subject 11946 Design Honours may be substituted for an equivalent subject. See details under Special conditions for electives in Year 4.

Articulation and progression

1. The BA in Architecture and the BA (Honours) in Architecture programs encourage maximum integration between architectural design subjects and those dealing with technology. Accordingly, students who fail, at any given year level, **either** the subject Architectural Design **or** the subject Technology (or both), are not allowed to enrol in **any** subject in the next year level until these subjects have been passed. Neither architectural design subjects nor technology subjects can be 'carried' into a subsequent year.

Example – a student who passed 11912 Technology 1 but who failed 11911 Architectural Design 1 is prohibited from enrolling in **any** Year 2 subjects until the subject 11911 Architectural Design 1 has been successfully repeated.

2. Subjects other than the architectural design and technology subjects may, at

the discretion of the Program Director, be 'carried' into a subsequent year. However, failed subjects can only be carried into the subsequent year provided that the **total** number of subjects failed does not exceed **two**. Any student who fails more than two subjects at any year level is not allowed to proceed to the next level of study.

Example – a student who passed both Architectural Design 1 and Technology 1 but who failed two of the other Year 1 subjects is allowed to 'carry' the two failed subjects into Year 2, thus enrolling in a full Year 2 program plus the two failed Year 1 subjects.

3. Students 'carrying' subjects may enrol only in subjects that are in two consecutive years of the course.

Example – as described above, a student may undertake Year 2 subjects while 'carrying' up to two Year 1 subjects. However, a student is not allowed to enrol in any Year 3 subjects until all Year 1 subjects are successfully completed.

4. In addition to the above, entry to Years 3 and 4 are dependent on each student accruing the specified amount of architectural experience points, gained by virtue of their compulsory work in architectural offices. Students who have not accrued sufficient points and/or have not had them so approved by the Director of Professional Practice are not eligible for enrolment in Year 3 or 4, regardless of having successfully completed the requisite academic program.

Bachelor of Architecture¹

- ◆ UTS course code: C08001 (pre-2003: AA05)
- ◆ Testamur title: Bachelor of Architecture
- ◆ Abbreviation: BArch
- ◆ Course fee: HECS (local)²
- ◆ Total credit points: 64

The Bachelor of Architecture is the second tier of a professional degree structure, i.e. a qualification accepted for candidates seeking to take the professional examination of the Board of Architects and Royal Australian Institute of Architects as a prerequisite to registration under the provision of the Architects Act administered by the Board of Architects of NSW; and to professional membership of the Institute.

Admission requirements

The Bachelor of Architecture program may be undertaken **only after** the successful completion of either the Pass or Honours degree of Bachelor of Arts in Architecture, or the equivalent from another institution as judged by the Program Admissions Panel.

All students who have successfully completed the four-year BA in Architecture or BA (Honours) in Architecture degree at UTS are automatically accepted into the Bachelor of Architecture program as continuing students provided that they enrol in the Bachelor of Architecture in the next academic year after award of the degree, or seek leave of absence for no longer than one academic year after the award and have the required amount of architectural experience for entry into Year 5.

Note: Entry to each of Years 3, 4, 5 and 6 of the course is based on each student accruing a specified minimum number of architectural practice credit points based on their office experience. While this specified minimum may, under special circumstances, be relaxed at Years 3 and 4 levels, entry to Years 5 and 6, and the awarding of the Bachelor of Architecture degree, is **strictly conditional upon** students accruing in each case the specified minimum number of points prior to enrolment/graduation. Details of practice credit-point requirements may be obtained from the Director of Professional Practice.

Students applying with suitable qualifications from other institutions, or UTS BA in Architecture graduates who have not proceeded directly to the Bachelor of Architecture course, are 'external' students and should apply through the NSW and ACT's Universities Admissions Centre (UAC) in the normal way. 'External' applicants constitute new students and entry places are limited, depending on quotas (available EFTSU).

Course duration

The Bachelor of Architecture degree is undertaken as part of a cooperative education program over two years – referred to here as Years 5 and 6 – each comprising 32 academic credit points, and involving the equivalent of 13 contact hours per week in each year over two semesters.

Course structure

The total minimum academic credit-point requirement, before the professional Bachelor of Architecture degree may be awarded, is 208: 144 obtained from the Pass degree of BA in Architecture, plus 64 from the Bachelor of Architecture. Students entering with a BA (Honours) degree in Architecture (180 credit points) must nevertheless complete all 64 credit points of the Bachelor of Architecture program.

All subjects in the Bachelor of Architecture degree are compulsory.

On the basis of the weighted average mark achieved across all subjects, the Bachelor of Architecture degree can be awarded **with Honours**.

Yearly progression

Students who fail 11951 Architectural Design and Technology 1 (Year 5) may not enrol in **any** Year 6 subject until the former subject is successfully repeated.

Any Year 5 subject other than 11951 Architectural Design and Technology 1 may, at the discretion of the Program Director, be 'carried' into the subsequent year. However, any student who fails more than one subject in Year 5 is not allowed to enrol in any of the subjects in Year 6 until the subjects have been successfully completed.

In addition, and as outlined above, entry to Years 5 and 6 is strictly conditional upon each student having accrued the requisite number of architectural experience points for that year level.

¹ Course structure subject to change in 2003. See the Faculty for details or online at:

www.uts.edu.au/div/publications/dab/index.html

² This course is not offered to international students.

Course program

Year 5

11951	Architectural Design and Technology 1	17cp
11953	Theory Studies 5	10cp
11954	Professional Practice 5	5cp

Year 6

These subjects are only available to students who expect to complete the Bachelor of Architecture in 2003.

Autumn semester

11965	Architectural Design and Technology 2A	8.5cp
11966	Theory Studies 6A	5cp
11967	Professional Practice 6A	2.5cp

Spring semester

11975	Architectural Design and Technology 2S	8.5cp
11976	Theory Studies 6S	5cp
11977	Professional Practice 6S	2.5cp

Honours

The Bachelor of Architecture is awarded **with Honours**, with the class of Honours being based on the weighted average mark calculated on the basis of all subjects attempted in Years 5 and 6 as follows, subject to Faculty Board approval:

First Class Honours – weighted average mark of 75 or above

Second Class Honours – weighted average mark of ≥ 65 but ≤ 75 .

There is no award of Third Class Honours in the Bachelor of Architecture program. Students who do not meet the above criteria but who pass all subjects in Years 5 and 6 are awarded the Pass degree of the Bachelor of Architecture. In addition, students who at any stage record a Fail grade in any subject(s) in Years 5 and/or 6 are awarded the Pass degree once all subjects have been successfully completed.

Master of Architecture (parallel program)¹

- ◆ UTS course code: C04005 (pre-2003: AA55)
- ◆ Testamur title: Master of Architecture
- ◆ Abbreviation: MArch
- ◆ Course fee: to be advised (local)²
- ◆ Total credit points: 96

Following the successful completion of four years of architectural education at UTS (or its judged equivalent at another institution as determined by the Program Admissions Panel) culminating in the award of a BA (Honours) degree in Architecture with First Class Honours or with Second Class Honours Division 1 (equivalent to 180 credit points) the Faculty offers a further degree program – the Master of Architecture – as an **alternative to the Bachelor of Architecture**.

The Master of Architecture degree is **not** a 'stand alone' degree; it **cannot** be undertaken as a postgraduate course following the award of a Bachelor of Architecture degree. It is specifically structured so that it may, for those students undertaking it, **replace** the Bachelor of Architecture degree. It is **not** awarded in addition to the BArch, as described below.

Admission requirements

Entry to the Master of Architecture program proceeds by three possible routes. Conditions of entry and course requirements for each are listed below.

Candidates entering with a UTS Honours degree of BA in Architecture

Candidates seeking to enter the Master of Architecture program from Year 4 of the first degree program are required to hold a Bachelor of Arts in Architecture with First Class or Second Class, Division 1 Honours and have completed all compulsory subjects.

Candidates entering with an equivalent first degree in Architecture from another institution

All candidates seeking to enter the Master of Architecture program with a first degree in Architecture from another institution are

¹ Course structure subject to change in 2003. See the Faculty for details or online at:

www.uts.edu.au/div/publications/dab/index.html

² This course is not offered to international students.

subject to a portfolio interview conducted by the Program Admissions Panel. Such candidates must:

1. be able to demonstrate that they hold the equivalent of a First Class or Second Class, Division 1, Honours degree of BA in Architecture from UTS
2. satisfy the interviewing panel that their architectural design work is of a standard comparable to that of the Credit level achieved by Year 4 students at UTS, and
3. have previously successfully undertaken a major piece of academic writing equivalent to the Honours Elective thesis as described above.

Students who do not satisfy the above requirements are normally expected to undertake all or part of the Year 4 BA (Honours) in Architecture program before being eligible to enrol in the Master of Architecture degree.

In some cases it may be necessary, in order to address perceived deficiencies or structural differences in previous educational programs, for such candidates to undertake all or part of the Year 3 BA in Architecture program, as well as that of Year 4.

Candidates from other institutions who meet the above entry requirements are eligible for enrolment and undertake the program as outlined above. Note, however, such 'external' applicants constitute new students and entry places are limited, depending on quotas (available EFTSU).

Candidates completing all requirements for a UTS Bachelor of Architecture degree

Candidates who have completed all requirements for the UTS Bachelor of Arts degree may, **provided they have not yet been awarded the BArch degree**, be eligible as candidates for the Master of Architecture degree provided that they:

1. have not recorded failures in any subject required for the BArch degree
2. have achieved a weighted average mark of 70 or above calculated on the basis of all subjects undertaken in Years 5 and 6, and

3. have not already attempted the Honours component of the BA and achieved a result less than 65. Note that such candidates are required to complete in one additional year of study the subject Master's Research elective; and that the Master's degree is not awarded in addition to the Bachelor of Architecture.

Course duration

The Master of Architecture degree is the second tier of a professional degree structure of two years' full time duration (referred to here as Years 5 and 6) or three years' cooperative education comprising a further 96 credit points in total.

Course structure

The Master's program comprises **all the requirements for the Bachelor of Architecture degree (180cp from BA + additional 64cp)** plus an additional subject. This subject, the Master's Research Elective, comprises a further 32 credit points and may be taken either:

1. concurrently with all other Years 5 and 6 subjects as two full-time years (32 + 16 = 48cp per year x 2 years = 96cp)
or
2. following completion of the 'normal' Years 5 and 6 subjects (32cp per year x 2 years = 64cp), as one additional year (Year 7) involving a further 32cp (64 + 32 = 96cp).

The total academic credit-point requirement before the Master of Architecture degree is 276 (180cp obtained from the Honours degree of BA in Architecture + 96cp).

All subjects in the Master of Architecture degree are compulsory, with considerable flexibility of subject content being offered in the Master's Research Elective components.

Current students completing all requirements for a UTS Bachelor of Architecture degree in 2003 at the requisite level (see point (c) below) may undertake the Master's Year 7 program in 2003.

Course program

Year 5

11951	Architectural Design and Technology 1 ¹	17cp
11953	Theory Studies 5 ¹	10cp
11954	Professional Practice 5	5cp
11956	Master's Research Elective (Part 1) ¹	16cp

Year 6

Autumn semester

11965	Architectural Design and Technology 2A	8.5cp
11966	Theory Studies 6A	5cp
11967	Professional Practice 6A	2.5cp
11956	Master's Research Elective (Part 2) ¹	16cp

Spring semester

11975	Architectural Design and Technology 2S	8.5cp
11976	Theory Studies 6S	5cp
11977	Professional Practice 6S	2.5cp

¹ This is a full-year subject.

Assessment

To be awarded the Master of Architecture degree, students must: (a) pass all required subjects in Years 5 and 6 at Credit level or above, and (b) must have recorded no failures in any subjects in Years 5 and 6. Students enrolled in the Master's program in Year 5 who fail any subjects will revert in Year 6 to the Bachelor's program. Students enrolled in the Master's program in Year 6 who fail any subjects are awarded the Bachelor of Architecture degree once all requisite subjects are passed.

BUILDING

From 2003, two undergraduate courses, the Bachelor of Building in Construction Economics, and the Bachelor of Building in Construction Management will be phased out and replaced by a single undergraduate course, commencing in 2003: the Bachelor of Construction.

Existing students in the Bachelor of Building in Construction Economics or Bachelor of Building in Construction Management, who are unable to complete discontinued subjects in either of the old courses, due to failures or leave of absence, will be encouraged to transfer to the new course, in which case their standing will be determined on the basis of the transition arrangements, the details of which are available from the Faculty Office. Should this not be possible then equivalent subjects in the new course will be allocated to replace those discontinued in the old courses.

The following regulations shall be read in conjunction with the University's Rules and By-law, as contained in the *UTS: Calendar* and online at:

www.uts.edu.au/div/publications/cal/index.html

Attendance

It is the student's responsibility to attend lectures and carry out all assignment and examination work in every subject in which he or she is enrolled.

On rare occasions, students repeating a subject may make special arrangements with the Coordinating Examiner regarding exemption from attendance at lectures for part of a course and/or credit for work previously completed. Any such arrangement must be documented, and it is the student's responsibility to obtain, in writing, clear evidence of the details of the arrangement from the Coordinating Examiner.

Checking of enrolment details

It is the student's responsibility to check that her or his enrolment is correctly shown on the listings which are exhibited on the noticeboards during the first few weeks of each semester, and to notify the Faculty Office of any errors.

Withdrawal from subjects

Students are referred to the relevant University Rule regarding withdrawal from subject(s) and their program of study.

The Associate Dean, Teaching and Learning may grant approval for students to withdraw without academic penalty beyond the prescribed date.

Students having problems with the course caused by personal or work-related pressures are advised that the matter should, in the first instance, be discussed with the Program Director.

Assessment

Final grading for progression is determined by combining the total marks for class work and for final examinations, if any. Class assignments and quizzes are therefore of great importance.

Final examinations are held at the end of the year, but some examinations may also be held at the end of Autumn semester.

Arrangements for informal examinations, conducted in class, are announced by the lecturer in each case. It is each student's responsibility to be present.

Conduct of the Examination Review Committee

The Faculty Board has determined that the following procedures govern the operation of Examination Review Committees for each course.

1. The Examination Review Committee is a subcommittee of the Faculty Board with delegated power to make decisions on behalf of the Board.
2. The Examination Review Committee may modify the assessment of any examiner, subject to the clauses below.
3. A Conceded Pass in a subject may be awarded if the following are satisfied:
 - (a) the subject mark is in the range 45 to 49 per cent
 - (b) the student's weighted average mark for the assessment period is 55 per cent or greater
 - (c) only one failure is recorded for that assessment period.
4. Extenuating personal circumstances should not be taken into account in the examiners' assessments, but any such

circumstances and recommendations may be brought to the attention of the Examination Review Committee.

5. Results should not be withheld unless the issue is expected to be determined within a week (e.g. by the submission of further or revised work) of the commencement of the following semester. Otherwise a failure should be recorded.
6. The Dean or Associate Dean, Teaching and Learning may amend the decisions of the Examination Review Committee in the case of obvious clerical or arithmetic errors.
7. Except as to (6), no alterations may be made to the subject assessments of the Examination Review Committee other than by the use of an official review procedure.
8. The Responsible Academic Officer may amend the progression of a student as determined by the Examination Review Committee in the light of subject reassessments.
9. All alterations made under (6) are to be reported to the Faculty Board.

Assignments

Assignments are to be handed in on or before the date and time specified in the program. Late assignments are not accepted unless accompanied by a medical certificate or the like. It is each student's responsibility to make sure that the receipt of his or her assignment is noted by the lecturer.

Lecturers may, at their discretion, accept late assignments (and exact appropriate penalties), if students make arrangements in advance.

University Medal

A student who displays exceptional merit in any of the undergraduate degree courses may be recommended for the award of the University Medal in addition to graduating with First Class Honours. Any such recommendation is submitted to the appropriate University committee for approval.

Articulation and progression

- On the recommendation of the Examination Review Committee, the Faculty Board may, in exceptional circumstances, exempt a student from the regulations relating to progression.

- The year in these regulations is defined as the program for a year shown in the current edition of the Faculty handbook.
- A student may not enrol in subjects spanning more than two consecutive years of the course.
- A student may undertake subjects totalling not more than 8 credit points from the previous year while doing a full program from the next year.
- A full-time student who is required to repeat subjects totalling more than 8 credit points may enrol in subjects from the next year which would bring the student's total program to not more than 48 credit points.
- A part-time student who is required to repeat subjects totalling more than 8 credit points may enrol in subjects of the next year which would bring the student's total program to not more than 32 credit points.
- In exceptional circumstances, course programs at variance with the above rules may be approved by the Associate Dean, Teaching and Learning.

Honours

The award of Honours in undergraduate degree courses may be recommended by the Faculty Board for meritorious performance. Any such award is entirely within the discretion of the Faculty Board and numeric calculation of level of performance is only one of the matters taken into consideration.

Other information

Course queries of a general nature should be addressed to the Program Director and Subject Coordinators. However, matters concerning a single subject should be raised, in the first instance, with the lecturer in that subject.

Bachelor of Construction

- ◆ UTS course code: to be advised [pre-2003: AB17]
 - ◆ UAC code: to be advised
 - ◆ Testamur title: Bachelor of Construction
 - ◆ Abbreviation: BCons
 - ◆ Course fee: HECS (local)
\$6,600 per semester (international)
 - ◆ Total credit points: 192
-

Bachelor of Construction (Honours)

- ◆ UTS course code: to be advised [pre-2003: AB18]
 - ◆ UAC code: to be advised
 - ◆ Testamur title: Bachelor of Construction (Honours)
 - ◆ Abbreviation: BCons(Hons)
 - ◆ Course fee: HECS (local)
\$6,600 per semester (international)
 - ◆ Total credit points: 24
-

Overview

The Bachelor of Construction degree is concerned with management of all aspects of the construction process. It provides education in areas related to the construction industry including construction technology, management, applied economics and property development, and leads to a professional qualification in construction management and/or quantity surveying. The degree delivers all the recognised competencies for construction professionals while additionally introducing graduates to the prospect of diversification into project management. Graduates are able to apply technical skills to the management of construction projects, effectively manage and deploy resources, as well as provide financial and economic advice throughout the construction process while working closely with other professional disciplines, industry groups and development authorities.

Advanced standing

Students with prior academic or industrial experience are considered for advanced standing for up to a maximum of 96 credit points (50 per cent of the course). Students with advanced standing are given the opportunity to tailor their program of study in line

with subjects completed previously at other institutions. There is a range of articulation pathways in the course and students holding previous qualifications should contact the Faculty Office for further information.

Attendance

Part-time students attend one day and one evening per week, full-time students may be expected to attend at any time during the week. The contact hours allocated to each subject are nominal and are often a combination of lectures, tutorials, workshops, and self-directed teaching methods. Some subjects are offered online, and according to demand some subjects may be offered over Summer session. A variety of elective subjects is also available and some of these are also offered online and/or over Summer session.

The course is designed so that students may transfer between part-time and full-time attendance patterns.

Course duration

This course is offered on a four-year, full-time, or six-year, part-time basis.

Course structure

The course program consists of 192 credit points comprising 28 6-credit-point core subjects and four 6-credit-point electives, the latter chosen either from within the Faculty or from the many electives offered by other faculties throughout the University. Students undertaking four elective subjects (24 credit points) within a common area are eligible for a sub-major. Sub-majors are to be offered in four areas, depending on demand. Work experience is an important component of the course. Part-time students naturally gain experience well in excess of the basic requirement.

Course program

Full-time program

Year 1

Autumn semester

16108	Introduction to Law	6cp
16109	Construction 1	6cp
16103	Building Science/Materials 1	6cp
16104	Preparatory Studies	6cp

Spring semester

16105	Building Measurement	6cp
16106	Drawing and Surveying	6cp
16107	Planning and Design Process	6cp
16910	Project Management 1	6cp

Year 2

Autumn semester

16203	Estimating	6cp
16204	Construction 2	6cp
16205	Services 1	6cp
16206	Structural Appreciation	6cp

Spring semester

16207	Building Economics 1	6cp
16208	Integrated Case Study 1	6cp
16209	Building Science/Materials 2	6cp
16912	Project Management 2	6cp

Year 3

Autumn semester

16313	Building Economics 2	6cp
16314	Construction 3	6cp
16315	Structural Behaviour	6cp
16913	Project Management 3	6cp

Spring semester

16316	Building Company Performance	6cp
16307	Integrated Case Study 2	6cp
16308	Services 2	6cp
xxxxx	Sub-major subject/elective*	6cp

Year 4

Autumn semester

16421	Construction Law and Practice	6cp
16422	Site Management	6cp
xxxxx	Sub-major subject/elective*	6cp
xxxxx	Sub-major subject/elective*	6cp

Spring semester

16423	Contract Administration	6cp
16424	Construction MIS	6cp
xxxxx	Sub-major subject/elective*	6cp
16914	Project Management 4	6cp

*Years 3 and 4 – alternative subjects for Honours students

16904	Building Research 1	6cp
16905	Building Research 2	6cp
16906	Honours Elective: Thesis	12cp

Part-time program**Year 1****Autumn semester**

16104	Preparatory Studies	6cp
16109	Construction 1	6cp
16108	Introduction to Law	6cp

Spring semester

16105	Building Measurement	6cp
16106	Drawing and Surveying	6cp
16901	Project Management 1	6cp

Year 2**Autumn semester**

16103	Building Science/Materials 1	6cp
16204	Construction 2	6cp
16205	Services 1	6cp

Spring semester

16107	Planning and Design Process	6cp
16207	Building Economics 1	6cp

Year 3**Autumn semester**

16203	Estimating	6cp
16206	Structural Appreciation	6cp

Spring semester

16208	Integrated Case Study 1	6cp
16209	Building Science/Materials 2	6cp
16912	Project Management 2	6cp

Year 4**Autumn semester**

16313	Building Economics 2	6cp
16314	Construction 3	6cp
16315	Structural Behaviour	6cp

Spring semester

16316	Building Company Performance	6cp
16308	Services 2	6cp
16307	Integrated Case Study 2	6cp

Year 5**Autumn semester**

16421	Construction Law and Practice	6cp
xxxxx	Sub-major Subject/Elective*	6cp
16913	Project Management 3	6cp

Spring semester

16423	Contract Administration	6cp
xxxxx	Sub-major subject/elective*	6cp

Year 6**Autumn semester**

16422	Site Management	6cp
xxxxx	Sub-major subject/elective*	6cp
xxxxx	Sub-major subject/elective*	6cp

Spring semester

16424	Construction MIS	6cp
16914	Project Management 4	6cp

***Years 3 and 4 – alternative subjects for Honours students**

16904	Building Research 1	6cp
16905	Building Research 2	6cp
16906	Honours Elective: Thesis	12cp

Electives for sub-majors**Property Development**

16xxx	Advanced Procurement Methods	6cp
16xxx	Advanced Project Analysis	6cp
16xxx	Industry Economics	6cp
16xxx	Financing Construction Projects	6cp

Technology

16xxx	International Construction	6cp
16xxx	Sustainable Building Technology	6cp
16xxx	Building Assessment	6cp
16xxx	Advanced Construction Technologies	6cp

Building Surveying

16xxx	Fire Dynamics	6cp
16xxx	Performance-based Certification	6cp
16xxx	Fire Safety Systems	6cp
16xxx	Human Behaviour in Fire	6cp

General Practice

16xxx	Expert Witness	6cp
16xxx	Evolution of Technology	6cp
16xxx	Professional Practice	6cp
16xxx	Building Control and Regulations	6cp

Honours

The Bachelor of Construction (Honours) degree program consists of 192 credit points comprising 28 core 6-credit-point subjects and a 24-credit-point Honours stream comprising two 6-credit-point research subjects and a 12-credit-point thesis. Students who achieve a weighted average mark (WAM) of 65 per cent (Credit) or higher have the option of transferring into the Honours program. Choosing to enter the Honours program, given initial eligibility, is a matter of student discretion.

The Bachelor of Construction (Honours) is awarded with First Class, Second Class (Division I and II), based on the weighted average mark across all subjects (including unspecified electives) undertaken in the Pass degree and Honours program. Subjects failed on the first attempt are counted as 50 per cent for this purpose.

First Class is considered 75 per cent or more, Second Class (Division I) is 70–74 per cent, Second Class (Division II) is 65–69 per cent. Students undertaking the Honours program

who have a final WAM below 65 per cent are awarded a Pass degree.

Professional recognition

The courses previously offered in Construction Management and Construction Economics were variously accredited by a number of professional bodies, and it is expected that the Bachelor of Construction will be fully accredited by the Royal Institution of Chartered Surveyors (RICS), the Australian Institute of Building (AIB) and the Australian Institute of Quantity Surveyors (AIQS), as well as relevant bodies across South-East Asia. With regards to specific professional bodies, contact the Faculty Office.

Bachelor of Building in Construction Economics

-
- ◆ UTS course code: C10006 [pre-2003: AB04]
 - ◆ UAC code: 601023
 - ◆ Testamur title: Bachelor of Building in Construction Economics
 - ◆ Abbreviation: BBuild
 - ◆ Course fee: HECS (local)
\$6,600 per semester (international)
 - ◆ Total credit points: 192
-

With the introduction in 2003 of the new Bachelor of Construction, the Bachelor of Building in Construction Economics will no longer be offered to first-year students. Existing students in this degree who are unable to complete discontinued subjects due to failures or leave of absence are encouraged to transfer to the new course, in which case their standing will be determined on the basis of the transition arrangements, the details of which are available from the Faculty Office. Should this not be possible then equivalent subjects in the new course will be allocated to replace those discontinued.

Overview

The Bachelor of Building in Construction Economics degree provides quantity surveying education in applied economics for the construction industry, and leads to a professional qualification in quantity surveying. Quantity surveyors provide financial and economic advice relating to the cost management of projects from the time of their conception and extending throughout the design, construction and deployment phases. Quantity surveyors are key professionals in the construction industry and their clients include developers, government agencies, building proprietors, architects and contractors.

The degree may be conferred with First or Second Class Honours for meritorious performance.

Advanced standing

Students with previous academic or industrial experience may be given recognition for prior learning (RPL) in the course. No student may be given advanced standing in excess of three-quarters of the course without the approval of Academic Board.

Students with advanced standing are given the opportunity to tailor their program of study in line with subjects completed previously at other institutions. This flexibility encourages students to design their own individual learning experiences and enables efficient articulation without repetition. Identified areas of weakness can also be targeted and strengthened. Students will not be exempted from elective subjects due to previous study or qualifications.

Students given advanced standing are eligible to enter the course by way of the Semester Bridge, which runs as a full-time or part-time program and is delivered in an electronic, distance learning mode.

There is a range of articulation pathways in the course, and students holding previous qualifications should contact the Faculty Office for further information.

Attendance

Part-time students attend University on a two half-day release basis for 13 weeks each semester. Full-time students may be expected to attend at any time during the week. The course has been designed for each part-time year to have a maximum of four academic subjects. The contact hours allocated to each subject are nominal and are often a combination of lectures, tutorials, workshops and self-directed teaching methods.

The course is designed so that students may transfer between part-time and full-time attendance patterns or between Construction Management and Construction Economics courses after Year 2 full time or Year 3 part time without incurring an extension to the duration of their course.

Course duration

This course is offered on a four-year, full-time, or six-year, part-time basis.

Course structure

Industrial experience

Undergraduate studies in Construction Economics are designed around the concept of cooperative education, and thus require concurrent practical experience as part of the program.

Part-time students are required to obtain the equivalent of 144 weeks (three years) approved industrial experience, comprising nominally four days per week full-time employment in the construction industry. Employment outside the construction industry may also be given some consideration. Industrial experience attained prior to commencement of the course is accepted subject to approval. Students must have at least 48 weeks (one year) approved experience prior to entering the final year of the course. Graduation is delayed until the University is satisfied that its industrial experience requirements have been met.

Full-time students are required to obtain the equivalent of 48 weeks (240 days) approved industrial experience. Successful completion of the compulsory practical studies components of Construction 1–4 can contribute up to 24 weeks of the total requirement, the remaining experience necessarily coming from industry placement. Students must have at least 16 weeks (80 days) approved industry placement prior to entering the final year of the course and at least 24 weeks (120 days) approved industry placement prior to graduation. Graduation is delayed until the University is satisfied that its industrial experience requirements have been met.

Course program

Full-time program

Year 1

From 2003, Year 1 subjects for the Bachelor of Building in Construction Economics course will no longer be offered. First-year students must enrol in the new Bachelor of Construction course.

Year 2

Autumn semester

16180	Statistics A	4cp
16181	Construction 2A	4cp
16182	Quantity Surveying 2A	4cp
16183	Legal Studies 1A	4cp
16184	Estimating A	4cp
16185	Engineering Services A	4cp

Spring semester

16280	Statistics S	4cp
16281	Construction 2S	4cp
16282	Quantity Surveying 2S	4cp
16283	Legal Studies 1S	4cp
16284	Estimating S	4cp
16285	Engineering Services S	4cp

Year 3**Autumn semester**

16186	Project Planning and Risk A	4cp
16187	Construction 3A	4cp
16188	Quantity Surveying 3A	4cp
16189	Legal Studies 2A	4cp
16190	Cost Planning and Modelling A	4cp
16191	Economic Development A	4cp

Spring semester

16286	Project Planning and Risk S	4cp
16287	Construction 3S	4cp
16288	Quantity Surveying 3S	4cp
16289	Legal Studies 2S	4cp
16290	Cost Planning and Modelling S	4cp
16291	Economic Development S	4cp

Year 4**Autumn semester**

16192	Contract Administration A	4cp
16193	Construction 4A	4cp
16194	Advanced Cost Engineering A	4cp
16195	Economic Analysis A	4cp
16196	Quantity Surveying Practice A*	4cp
xxxxx	Unspecified elective*	4cp

Spring semester

16292	Contract Administration S	4cp
16293	Construction 4S	4cp
16294	Advanced Cost Engineering S	4cp
16295	Economic Analysis S	4cp
16296	Quantity Surveying Practice S*	4cp
xxxxx	Unspecified elective*	4cp

***Final Year alternative**

16200	QS Project A	6cp
16297	QS Project S	6cp
xxxxx	Unspecified elective	4cp

Part-time program**Year 1**

From 2003, Year 1 subjects for the Bachelor of Building in Construction Economics course will no longer be offered. First-year students must enrol in the new Bachelor of Construction course. For Year 2 part-time students, equivalent subjects in the new course will be allocated to replace those discontinued.

Year 2**Autumn semester**

16xxx	Allocated subject from the BCons program ¹	8cp
16180	Statistics A	4cp
16181	Construction 2A	4cp

Spring semester

16xxx	Allocated subject from the BCons program ¹	8cp
16280	Statistics S	4cp
16281	Construction 2S	4cp

Year 3**Autumn semester**

16182	Quantity Surveying 2A	4cp
16183	Legal Studies 1A	4cp
16184	Estimating A	4cp
16185	Engineering Services A	4cp

Spring semester

16282	Quantity Surveying 2S	4cp
16283	Legal Studies 1S	4cp
16284	Estimating S	4cp
16285	Engineering Services S	4cp

Year 4**Autumn semester**

16186	Project Planning and Risk A	4cp
16187	Construction 3A	4cp
16188	Quantity Surveying 3A	4cp
16189	Legal Studies 2A	4cp

Spring semester

16286	Project Planning and Risk S	4cp
16287	Construction 3S	4cp
16288	Quantity Surveying 3S	4cp
16289	Legal Studies 2S	4cp

¹ These subjects will be chosen in consultation with the Director of Program or the Responsible Academic Officer.

Year 5**Autumn semester**

16190	Cost Planning and Modelling A	4cp
16191	Economic Development A	4cp
16192	Contract Administration A	4cp
16193	Construction 4A	4cp

Spring semester

16290	Cost Planning and Modelling S	4cp
16291	Economic Development S	4cp
16292	Contract Administration S	4cp
16293	Construction 4S	4cp

Year 6**Autumn semester**

16194	Advanced Cost Engineering A	4cp
16195	Economic Analysis A	4cp
16196	Quantity Surveying Practice A*	4cp
xxxxx	Unspecified elective*	4cp

Spring semester

16294	Advanced Cost Engineering S	4cp
16295	Economic Analysis S	4cp
16296	Quantity Surveying Practice S*	4cp
xxxxx	Unspecified elective*	4cp

***Final Year alternative**

16200	QS Project A	6cp
16297	QS Project S	6cp
xxxxx	Unspecified elective	4cp

Semester Bridge**Additional program**

16225	QS Project (Summer)	12cp
16300	Industry Studies	12cp

Note: The Semester Bridge is available only to students who are eligible for advanced standing.

Electives

Students are required to take a minimum of 8 credit points of electives. This may be from the Construction Economics program, or may be freely chosen by students from a variety of electives offered by different faculties in the University.

Construction Economics program electives are:

16011	Facility Management	8cp
16012	Project Management	8cp
16013	Expert Witness	8cp
16057	The Evolution of Technology 1	4cp
16058	The Evolution of Technology 2	4cp

Note: These electives are subject to availability.

Professional recognition

Successful completion of the undergraduate course satisfies the educational requirements for admission to the following professional organisations.

Royal Institution of Chartered Surveyors (RICS)

The Royal Institution of Chartered Surveyors (RICS) is a highly valued and respected professional association in the international community. The Bachelor of Building in Construction Economics degree is accredited as meeting all the academic requirements for full corporate membership of the RICS. Upon completion of the degree, students may apply to the RICS to undertake their practical experience requirements which comprise a further two years of supervised and approved experience in industry. The RICS conducts an Assessment of Professional Competence at the end of this period.

Australian Institute of Quantity Surveyors (AIQS)

The Australian Institute of Quantity Surveyors (AIQS) is the main professional body for quantity surveyors in Australia. Successful completion of the Bachelor of Building in Construction Economics degree is accredited for admission to full corporate membership, though particular experience requirements also need to be met. Part-time students can obtain this experience during the last two years of their course so that they will be eligible for interview (Assessment of Professional Competence) immediately upon completion. Full-time students must obtain the two years' experience after completion of their course.

Australian Institute of Building (AIB)

The Australian Institute of Building (AIB) is the main professional association for building students and is recognised by Royal Charter. The Bachelor of Building in Construction Economics degree is accredited as meeting all the academic requirements for full corporate membership of the AIB. Before becoming a Chartered Building Professional, additional practical experience requirements and an interview are necessary. Students should refer to the AIB for full details.

International professional bodies

The Bachelor of Building in Construction Economics degree is also accredited by the New Zealand Institute of Quantity Surveyors (NZIQS), the Hong Kong Institute of Surveyors (HKIS), the Institute of Surveyors, Malaysia (ISM), the Singapore Institute of Surveyors and Valuers (SISV), the Institute of Quantity Surveyors of Kenya (IQSK), the Nigerian Institute of Quantity Surveyors (NIQS), and the Sri Lanka Institute of Quantity Surveyors (SLIQS). Graduates can also apply to join the Chartered Institute of Building (CIOB) based in the UK, via an AIB reciprocity agreement.

Bachelor of Building in Construction Management

- ◆ UTS course code: C10005 (pre-2003: AB03)
- ◆ UAC code: 601013
- ◆ Testamur title: Bachelor of Building in Construction Management
- ◆ Abbreviation: BBuild
- ◆ Course fee: HECS (local)
\$6,600 per semester (international)
- ◆ Total credit points: 192

With the introduction in 2003 of the new Bachelor of Construction, the Bachelor of Building in Construction Management will no longer be offered to first-year students. Existing students in this degree who are unable to complete discontinued subjects due to failures or leave of absence are encouraged to transfer to the new course, in which case their standing will be determined on the basis of the transition arrangements, the details of which are available from the Faculty Office. Should this not be possible then equivalent subjects in the new course will be allocated to replace those discontinued.

Overview

The Building graduate is concerned with management of the construction process. Extensive technological skills go hand in hand with the capacity to manage people, materials, equipment and plant in order to carry out this task as effectively as possible.

A great deal of the learning occurs through case study and assignment work in which students participate in projects which simulate the conditions of actual practice. Hence students know what roles to expect and learn to exercise the judgment required of a professional.

Advanced standing

Students with previous academic or industrial experience may be given recognition for prior learning (RPL) in the course. No student is given advanced standing in excess of three-quarters of the course without the approval of Academic Board.

Students with advanced standing are given the opportunity to tailor their program of study in line with subjects completed previously at other institutions. There is a range of articulation pathways in the course and students holding previous qualifications should contact the Faculty Office for further information.

Attendance

For part-time students, attendance at the University is on a one-day release basis for 13 weeks each semester. Full-time students may be expected to attend at any time during the week. The course has been designed for each part-time year to have a maximum of five academic subjects. The contact hours allocated to each subject are nominal and are often a combination of lectures, tutorials, workshops and self-directed teaching methods.

The course is designed so that students may transfer between part-time and full-time attendance patterns or between Construction Management and Construction Economics programs after Year 2 in the full-time or Year 3 in the part-time program without incurring an extension to the duration of their course.

Course duration

The course may be undertaken on a four-year, full-time, or six-year, part-time basis.

Course structure

To graduate a student has to complete 192 credit points of academic study which includes a minimum of 8 credit points of electives. The course focuses on resource and site management but also covers areas such as materials, structures, services, estimating, law, economics and construction technology.

Students are required to undertake practical studies as part of this program which for full-time students would typically involve field work and simulated office practice and for part-time students appropriate employment for the majority of their course. For detailed requirements, advice should be sought from the Program Director.

It should be noted that some subject streams involve prerequisites whereby an earlier subject in a stream must be completed before undertaking a subsequent subject. These streams are Construction, Construction Project, Structures, Law, Materials, Estimating, Drawing and Surveying and Services. Approval must be obtained before these requirements can be varied.

Before each yearly enrolment, students should seek academic advice about the requirements for subjects they are about to undertake, their eligibility for doing so and the suitability of the subjects to their progression.

Industrial experience

Undergraduate studies in Construction Management are designed around the concept of cooperative education, and thus require concurrent practical experience as part of the program.

Part-time students are required to obtain the equivalent of 144 weeks (three years) approved industrial experience, comprising nominally four days per week full-time employment in the construction industry. Employment outside the construction industry may also be given some consideration. Industrial experience attained prior to commencement of the course is also accepted, subject to approval. Students must have at least 48 weeks (one year) approved experience prior to entering the final year of the course. Graduation will be delayed until the University is satisfied that its industrial experience requirements have been met.

Full-time students are required to obtain the equivalent of 48 weeks (240 days) approved industrial experience. Successful completion of the compulsory practical studies components of Construction 1–4 can contribute up to 24 weeks of the total requirement, the remaining experience necessarily coming from industry placement. Students must have at least 16 weeks (80 days) approved industry placement prior to entering the final year of the course and at least 24 weeks (120 days) approved industry placement prior to graduation. Graduation will be delayed until the University is satisfied that its industrial experience requirements have been met.

Course program

Full-time program

Year 1

From 2003, Year 1 subjects for the Bachelor of Building in Construction Management course will no longer be offered. First-year students must enrol in the new Bachelor of Construction course.

Year 2

Autumn semester

16146	Construction Project 2A	4cp
16143	Construction 2A	4cp
16144	Services 1A	3cp
16147	Estimating 1A	3cp
16148	Introduction to Law A	3cp
16149	Structures 2A	3cp
16170	Drawing and Surveying 2A	3cp

Year 2 (cont.)

Spring semester

16246	Construction Project 2S	4cp
16243	Construction 2S	4cp
16244	Services 1S	3cp
16247	Estimating 1S	3cp
16248	Introduction to Law S	3cp
16249	Structures 2S	3cp
16270	Drawing and Surveying 2S	3cp

Year 3

Autumn semester

16171	Construction 3A	4cp
16172	Construction Project 3A	4cp
16173	Services 2A	2cp
16174	Material Science 2A	3cp
16175	Construction Law A	3cp
16178	Structures 3A	3cp
16179	Building Company Performance A	3cp
16132	Development Appraisal A	2cp

Spring semester

16271	Construction 3S	4cp
16272	Construction Project 3S	4cp
16273	Services 2S	2cp
16274	Material Science 2S	3cp
16275	Construction Law S	3cp
16278	Structures 3S	3cp
16279	Building Company Performance S	3cp
16253	Development Appraisal S	2cp

Year 4

Autumn semester

16176	Construction 4A	4cp
16177	Estimating 2A	4cp
16133	Construction Project 4A	4cp
xxxxx	Electives (2)	4cp
16134	Professional Practice A	2cp
16135	Project A	6cp

Spring semester

16276	Construction 4S	4cp
16277	Estimating 2S	4cp
16254	Construction Project 4S	4cp
xxxxx	Electives (2)	4cp
16255	Professional Practice S	2cp
16256	Project S	6cp

Part-time program

Year 1

From 2003, Year 1 subjects for the Bachelor of Building in Construction Management course will no longer be offered. First-year students must enrol in the new Bachelor of Construction course. For Year 2 part-time students, equivalent subjects in the new course will be allocated to replace those discontinued.

Year 2

Autumn semester

16xxx	Allocated subject from the BCons program ¹	6cp
16xxx	Allocated subject from the BCons program ¹	3cp
16143	Construction 2A	4cp
16144	Services 1A	3cp

Spring semester

16xxx	Allocated subject from the BCons program ¹	6cp
16xxx	Allocated subject from the BCons program ¹	3cp
16243	Construction 2S	4cp
16244	Services 1S	3cp

Year 3

Autumn semester

16146	Construction Project 2A	4cp
16147	Estimating 1A	3cp
16148	Introduction to Law A	3cp
16149	Structures 2A	3cp
16170	Drawing and Surveying 2A	3cp

Spring semester

16246	Construction Project 2S	4cp
16247	Estimating 1S	3cp
16248	Introduction to Law S	3cp
16249	Structures 2S	3cp
16270	Drawing and Surveying 2S	3cp

Year 4

Autumn semester

16171	Construction 3A	4cp
16172	Construction Project 3A	4cp
16173	Services 2A	2cp
16174	Material Science 2A	3cp
16175	Construction Law A	3cp

Spring semester

16271	Construction 3S	4cp
16272	Construction Project 3S	4cp
16273	Services 2S	2cp
16274	Material Science 2S	3cp
16275	Construction Law S	3cp

¹ These subjects will be chosen in consultation with the Director of Program or the Responsible Academic Officer.

Year 5**Autumn semester**

16178	Structures 3A	3cp
16179	Building Company Performance A	3cp
16132	Development Appraisal A	2cp
16176	Construction 4A	4cp
16177	Estimating 2A	4cp

Spring semester

16278	Structures 3S	3cp
16279	Building Company Performance S	3cp
16253	Development Appraisal S	2cp
16276	Construction 4S	4cp
16277	Estimating 2S	4cp

Year 6**Autumn semester**

16133	Construction Project 4A	4cp
xxxxx	Electives (2)	4cp
16134	Professional Practice A	2cp
16135	Project A	6cp

Spring semester

16254	Construction Project 4S	4cp
xxxxx	Electives (2)	4cp
16255	Professional Practice S	2cp
16256	Project S	6cp

Electives

Students are required to take a minimum of 8 credit points of electives. This may be from the Construction Management program, or may be freely chosen by students from a variety of electives offered by different faculties in the University.

Electives offered by the Construction Management program (all subjects 4 credit points) are:

16050	Building Assessment Techniques
16051	History of Building Construction Methods
16052	Water Around Buildings
16053	Mentoring and Professional Development
16054	Natural Disasters and Risk Assessment
16055	Sustainable Building Technologies
16056	Building Control and Regulations
16059	International Construction

Note: These electives are subject to availability.

Professional recognition

Upon graduation, students may be eligible to apply for membership of a number of relevant professional bodies. While enrolled at the University, students may also take out student membership with these bodies.

Students should note that the Faculty's regulations regarding approved practical experience as set out apply to the award of its degrees, and are different from, and may not meet, the practical experience requirements demanded by the professional bodies as a condition of membership.

Students should bear in mind their future professional intentions when satisfying the practical experience requirements for their degree.

Australian Institute of Building (AIB)

The Australian Institute of Building (AIB) is the main professional association for building students and is recognised by Royal Charter.

The Bachelor of Building in Construction Management course satisfies the academic requirements for corporate membership of the Australian Institute of Building. There are additional professional experience requirements necessary for chartered membership. Students should refer to the AIB for details.

PROPERTY

One undergraduate course of cooperative education is offered:

- Bachelor of Property Economics

The following regulations shall be read in conjunction with the University's Rules and By-law, as contained in the *UTS: Calendar* and online at:

www.uts.edu.au/div/publications/cal/index.html

Attendance

It is the student's responsibility to attend lectures and carry out all assignment and examination work in every subject in which he or she is enrolled.

Checking of enrolment details

It is the student's responsibility to check that her or his enrolment is correctly shown on the listings which are exhibited on the notice-boards during the first few weeks of each semester, and to notify the Faculty Office of any errors.

Withdrawal from subjects

Students are referred to the relevant University Rule regarding withdrawal from subject(s) and their program of study.

The Associate Dean, Teaching and Learning may grant approval for students to withdraw without academic penalty beyond the prescribed date.

Students having problems with the course caused by personal or work-related pressures are advised that the matter should, in the first instance, be discussed with the Course Coordinator or Program Director.

Assessment

Final grading for progression is determined individually by Subject Coordinators. Class assignments and quizzes are therefore of great importance.

Final examinations for each subject are held at the end of the semester.

Conduct of the Examination Review Committee

The Faculty Board has determined that the following procedures govern the operation of Examination Review Committees for each course.

1. The Examination Review Committee is a subcommittee of the Faculty Board with delegated power to make decisions on behalf of the Board.
2. The Examination Review Committee may modify the assessment of any examiner, subject to the clauses below.
3. A Conceded Pass in a subject may be awarded if the following are satisfied:
 - (a) the subject mark is in the range 45 to 49 per cent
 - (b) the student's weighted average mark for the assessment period is 55 per cent or greater
 - (c) only one failure is recorded for that assessment period.
4. Extenuating personal circumstances should not be taken into account in the examiners' assessments, but any such circumstances and recommendations may be brought to the attention of the Examination Review Committee.
5. Results should not be withheld unless the issue is expected to be determined within a week (e.g. by the submission of further or revised work) of the commencement of the following semester. Otherwise a failure should be recorded.
6. The Dean or Associate Dean, Teaching and Learning may amend the decisions of the Examination Review Committee in the case of obvious clerical or arithmetic errors.
7. Except as to (6), no alterations may be made to the subject assessments of the Examination Review Committee other than by the use of an official review procedure.
8. The Responsible Academic Officer may amend the progression of a student as determined by the Examination Review Committee in the light of subject reassessments.
9. All alterations made under (6) are to be reported to the Faculty Board.

Assignments

Assignments are to be handed in on or before the date and time specified in the program. Late assignments are not accepted unless accompanied by a medical certificate or the like. It is each student's responsibility to make sure that the receipt of his or her assignment is noted by the lecturer.

Lecturers may, at their discretion, accept late assignments (and exact appropriate penalties), if students make arrangements in advance.

University Medal

A student who displays exceptional merit in any of the undergraduate degree courses may be recommended for the award of the University Medal in addition to graduating with First Class Honours. Any such recommendation is submitted to the appropriate University committee for approval.

Articulation and progression

- On the recommendation of the Examination Review Committee, the Faculty Board may, in exceptional circumstances, exempt a student from the regulations relating to progression.
- The year in these regulations is defined as the program for a year shown in the current edition of the Faculty handbook.
- A student may not enrol in subjects spanning more than two consecutive years of the course.
- A student may undertake subjects totalling not more than 12 credit points from the previous level while doing a full program from the next year.
- A full-time student who is required to repeat subjects totalling more than 12 credit points may enrol in subjects from the next year which would bring the student's total program to not more than 48 credit points.
- A part-time student who is required to repeat subjects totalling more than 8 credit points may enrol in subjects of the next year which would bring the student's total program to not more than 32 credit points.
- In exceptional circumstances, course programs at variance with the above rules may be approved by the Associate Dean, Teaching and Learning.

Honours

Students who achieve a minimum of a Credit weighted average mean in their first two levels of study may be invited to undertake the Honours program. The Honours program is taken as additional subjects, focusing on property research and analysis, Honours research proposal and a thesis.

Other information

Course queries of a general nature should be addressed to the Program Director and Subject Coordinators. However, matters concerning a single subject should be raised, in the first instance, with the lecturer in that subject.

Bachelor of Property Economics

- ◆ UTS course code: C10007 (pre-2003: AB06)
- ◆ UAC code: 601033
- ◆ Testamur title: Bachelor of Property Economics
- ◆ Abbreviation: BPropEc
- ◆ Course fee: HECS (local)
\$6,600 per semester (international)
- ◆ Total credit points: 168; with Honours: 192

Overview

The Property Economics course aims to:

- produce a broadly educated graduate prepared for a career in the property industry
- equip students with an understanding of the legalities, principles, and processes required in order that they can fill a professional role as a property analyst, valuer, real estate agent, business agent, stock and station agent, auctioneer, property manager or a number of these, and
- develop an appreciation of a professional ethic which emphasises responsibility and responsiveness to community needs.

Course duration

This course is offered on a four-year, full-time, or six-year, part-time basis.

Course structure

Industrial experience

In addition to attending classes, students are required to gain practical experience in appropriate professional or industrial organisations.

Full-time students undertake practical studies as part of the program included in core subjects. They are also required to gain approved professional experience in the final two full-time years of their programs. Part-time students are required to enrol each year, except Year 1, in the professional/industrial experience subject and to supply details of the experience gained. Further details can be obtained from the Director of Program.

Course program

Full-time program

Year 1

Autumn semester

16120	Built Environmental Design	6cp
16123	Introduction to Property	6cp
16124	Property Accounting and Management	6cp
16125	Property Economics	6cp

Spring semester

16126	Appraisal and Statistics	6cp
16127	Building Technology	6cp
16128	Property Transactions	6cp
16129	Trust Accounting and Management	6cp

Year 2

Autumn semester

16231	Commercial Property Management	6cp
16232	Property and Political Economy	6cp
16233	Urban Planning Process	6cp
16234	Valuation Methods	6cp

Spring semester

16235	Urban Economics	6cp
16236	Property Cash Flow Analysis	6cp
16237	Property Taxation	6cp
16238	Research Methods	6cp

Year 3

Autumn semester

16331	Specialised Valuation	6cp
16332	Investment and Portfolio	6cp
16660	Honours Research Proposal (Hons)	6cp
xxxxx	Elective	6cp

Spring semester

16333	Statutory Valuation and Litigation	6cp
16334	Development Management	6cp
16661	Property Analysis (Hons)	6cp
xxxxx	Elective	6cp

Year 4

Autumn semester

16335	Advanced Valuation	6cp
16336	Property Title and Tenure	6cp
16662	Honours Thesis A	6cp
xxxxx	Elective	6cp

Spring semester

16337	Professional Property Practice	6cp
16338	International Property Investment	6cp
16663	Honours Thesis B	6cp
xxxxx	Elective	6cp

Electives

Students are required to take 24 credit points of electives. This may be from the Property Economics program, or may be freely chosen by students from a variety of electives offered by different faculties in the University.

Electives offered by the Property Economics program are:

16991	Property Economic Issues	6cp
16992	Planning and Political Economy	6cp
16993	Facility Evaluation	6cp

Professional recognition

The course satisfies the educational requirements for registration as a valuer; for licensing as a real estate agent, on-site residential property manager, business agent, stock and station agent, strata managing agent; and practice as a property developer.

Professional membership

Upon graduation, students may be eligible to apply for membership of a number of relevant professional bodies. While enrolled at the University, students may also take out student membership with these bodies.

Students should note that the Faculty's regulations regarding approved practical experience as set out apply to the award of its degrees, and are different from, and may not meet, the practical experience requirements demanded by the professional bodies as a condition of membership.

Students should bear in mind their future professional intentions when satisfying the practical experience requirements for their degree.

Although reference should be made to specific organisations, a guide to the requirements of the various bodies for admission to full membership is as follows.

Australian Property Institute (API)

Student membership is actively sought by the Institute, and students are encouraged to join the various study groups, details of which are available from the Registrar.

The requirements for Associate Membership include the following:

- a degree in a recognised course of study, i.e. Bachelor of Property Economics at the University of Technology, Sydney
- a minimum of two years' approved professional experience prior to application.

Under the provisions of the *Valuers Registration Act 1974*, valuers are required to be registered. Full details can be obtained from the Department of Fair Trading.

Real Estate Institute of NSW (REI)

The REI is the main professional body for real estate agency practice. Student membership is available and encouraged.

Among other things, membership entitles the student to receive the REI journal and participate in any of their Chapters, such as, Property Management, Commercial and Industrial, and Valuation.

Royal Institution of Chartered Surveyors (RICS)

The Bachelor of Property Economics degree is accredited as meeting all the academic requirements for full corporate membership of RICS. Upon completion of the degree students may apply to the RICS to undertake their practical experience requirements which comprise a further two years of supervised and approved experience in industry. The RICS conducts an Assessment of Professional Competence at the end of this period.

COMBINED DEGREES

Bachelor of Design in Fashion and Textile Design, Bachelor of Arts in International Studies¹

- ◆ UTS course code: C10056 [pre-2003: DF02]
- ◆ UAC code: 609260
- ◆ Testamur title: Bachelor of Design in Fashion and Textile Design
Bachelor of Arts in International Studies
- ◆ Abbreviation: BDesign BA
- ◆ Course fee: HECS (local)
\$7,000 per semester (international)
- ◆ Total credit points: 288

Overview

Fashion and textile design is concerned with the design of fashion clothing, surface and textiles, their related fields and technologies.

Course aims

The aim of the combined degree in Fashion and Textile Design and International Studies is to produce graduates who have developed perspectives and skills that enable them to meet the professional demands of an internationalised marketplace.

The combined degree program in Fashion and Textile Design and International Studies provides students with additional practical skills, in particular those that make them aware of the international contexts of fashion and textile design, by providing them with the opportunity to acquire knowledge of a language and culture other than English.

Course duration

The Bachelor of Design in Fashion and Textile Design, Bachelor of Arts in International Studies is a six-year, full-time degree in which the study of Fashion and Textile Design is integrated with a major in the language and culture of another country. Students spend the fourth year of study at a university overseas.

¹ Course structure subject to change in 2003. See the Faculty for details or online at:

www.uts.edu.au/div/publications/dab/index.html

Course structure

Fashion and Textile Design component

The Bachelor of Design in Fashion and Textile Design curriculum is based on self-directed learning. Fashion and Textile Design studies focus on core design fundamentals of both fashion and textiles, with a strong base of technology across the disciplines. All students are required to gain practical experience in professional design practice to augment and complement their academic studies.

International Studies component

The Bachelor of Arts in International Studies requires undergraduates to study a major – a region or country – over a minimum of three years. In Sydney, students study Language and Culture for at least two years, followed by a period of study overseas.

In the International Studies program, students study one of the following countries or majors: Canada (Québec), Chile, China, France, Germany, Indonesia, Italy, Japan, Latino Studies (USA), Malaysia, Mexico, Spain, Switzerland and Thailand. There are two other majors available that permit students to pursue programs of study about and in countries where other arrangements have not already been made. The Heritage major permits students with significant prior knowledge of a particular language and culture to continue their study in countries such as Croatia, Greece, Hong Kong, Korea, Poland, Russia, Taiwan, the Philippines, Vietnam and others. The Independent Study major is available where a language is taught in Sydney and a program of In-country Study can be arranged.

Australia and the Asia-Pacific is only available as a major to international students. International students may access one of the other majors offered provided that the country they choose as their major is able to grant them a visa to study there. This needs to be determined prior to commencing subjects within the major. If a visa cannot be granted, then it is not possible to undertake the chosen major. Students are admitted to the International Studies program with no guarantee of entry to a specific major, although every effort is made to meet students' preferences. The Institute reserves the right to allocate places in majors according to its resources and arrangements with overseas universities.

Each major includes 32 credit points (four 8-credit-point subjects) of instruction in Language and Culture; 8 credit points of study of Comparative Social Change; 8 credit points of study of Contemporary Society; and 48 credit points (two semesters) of study at a university or institution of higher education in the country of the major.

There are no prior language requirements for the International Studies component of this combined degree, except for programs within the Heritage major.

Arrangements for In-country Study

Students are required to complete all appropriate subjects in their combined degree, including four consecutive semesters of study of Language and Culture before proceeding to In-country Study.

The Institute for International Studies makes arrangements for students to spend two semesters of In-country Study at an institution of higher education in the country of their major. The costs of tuition at overseas universities and of travel between Sydney and the student's place of study are paid by UTS, except in cases where a scholarship has been awarded to a student with provision for these costs. Visa fees are also paid by UTS, and students are covered by the UTS Overseas Insurance Policy. Students undertaking the Heritage or Independent Study major may be required to bear some of the tuition costs at the overseas university. During their In-country Study, students continue to be enrolled at UTS and to pay HECS for their study.

Students must pay the costs of accommodation and other living expenses during their period of In-country Study. Students should be aware that the living costs vary from country to country and that in some countries, such as Japan, living costs are high.

The In-country Study is the key component of the International Studies program. It provides a unique opportunity for students to immerse themselves in the language and culture of another country through a learning program at a host university, through involvement in the life of the local community and through project work which is supervised by the Institute. Each student's individual study program depends on their level of language competence and the subjects and other learning experiences that are available at the host university. All students who undertake

In-country Study must agree to the Institute's Conditions of Participation for In-country Study. Any study undertaken at the host university during the two semesters of In-country Study is part of the In-country Study experience. Students may not credit any subjects completed at their host university during the period of In-country Study towards the professional component of their combined degree.

Course program

Year 1

83xxx	Six first-year Fashion and Textile Professional Core Program subjects	36cp
855xx	Two Design Discipline subjects ¹	12cp

Year 2

971xx	Language and Culture 1	8cp
50140	Comparative Social Change	8cp
972xx	Language and Culture 2	8cp
83xxx	Three second-year Fashion and Textile Professional Core Program subjects	18cp
xxxxx	Elective	6cp

Year 3

973xx	Language and Culture 3	8cp
974xx	Language and Culture 4	8cp
976xx	Contemporary Society	8cp
83xxx	Two second-year Fashion and Textile Professional Core Program subjects	12cp
xxxxx	Two electives	12cp

Year 4

977xx	In-country Study 1	24cp
978xx	In-country Study 2	24cp

Year 5

83xxx	Five third-year Fashion and Textile Professional Core Program subjects	30cp
855xx	Two Design Discipline subjects ¹	12cp
xxxxx	Elective	6cp

Note: Course program for Year 6 is subject to change in 2004.

Year 6

83xxx	Two fourth-year Fashion and Textile Professional Core Program subjects	12cp
854xx	Design Theory subject ²	2cp
85700	Interdisciplinary Project	6cp
83880	Major Project F&T	24cp

¹ Refer to Design Discipline subjects listed on page 36.

² Refer to Design Theory subjects listed on page 36.

Other information

For further details of the Design course component, refer to the section on Design and the entry for the Bachelor of Design in Fashion and Textile Design. Course structure subject to change in 2003. See the Faculty for details or online at:

www.uts.edu.au/div/publications/dab/index.html

Any inquiries relating to the International Studies component of this course should be directed to the Institute for International Studies on telephone (02) 9514 1574.

Combined degree students are required to confirm, during the University enrolment period, the subjects they intend to take for the year with the Institute at 10 Quay Street, Haymarket, Sydney.

Bachelor of Design in Industrial Design, Bachelor of Arts in International Studies¹

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- ◆ UTS course code: C10054 [pre-2003: DD02]
 - ◆ UAC code: 609270
 - ◆ Testamur title: Bachelor of Design in Industrial Design
Bachelor of Arts in International Studies
 - ◆ Abbreviation: BDesign BA
 - ◆ Course fee: HECS (local)
\$7,000 per semester (international)
 - ◆ Total credit points: 288
-

Overview

Industrial design is concerned with the design of products for the manufacturing industry. The industrial designer works with manufacturers and has the responsibility not only for the visual and tactile qualities of products but also to a large extent for their safety, efficiency and cost effectiveness.

Course aims

The aim of the combined degree in Industrial Design and International Studies is to produce graduates who have developed perspectives and understandings that enable them to meet the professional demands of an internationalised marketplace.

The combined degree program in Industrial Design and International Studies provides students with additional practical skills, in particular those that make them aware of the international contexts of Industrial Design, by providing the opportunity to acquire knowledge and understanding of a language and culture other than English.

Course duration

The Bachelor of Design in Industrial Design, Bachelor of Arts in International Studies is a six-year, full-time degree in which the study of Industrial Design is integrated with a major in the language and culture of another country. Students spend the fourth year of study at a university overseas.

¹ Course structure subject to change in 2003. See the Faculty for details or online at:
www.uts.edu.au/div/publications/dab/index.html

Course structure

Industrial Design component

The Bachelor of Design in Industrial Design curriculum is based on a problem-solving approach and self-directed learning with significant emphasis on multidisciplinary study. All students are required to gain practical experience in professional design practice to augment and complement their academic studies.

International Studies component

The Bachelor of Arts in International Studies requires undergraduates to study a major – a region or country – over a minimum of three years. In Sydney, students study Language and Culture for at least two years, followed by a period of study overseas.

In the International Studies program, students study one of the following countries or majors: Canada (Québec), Chile, China, France, Germany, Indonesia, Italy, Japan, Latino Studies (USA), Malaysia, Mexico, Spain, Switzerland and Thailand. There are two other majors available that permit students to pursue programs of study about and in countries where other arrangements have not already been made. The Heritage major permits students with significant prior knowledge of a particular language and culture to continue their study in countries such as Croatia, Greece, Hong Kong, Korea, Poland, Russia, Taiwan, the Philippines, Vietnam and others. The Independent Study major is available where a language is taught in Sydney and a program of In-country Study can be arranged.

Australia and the Asia-Pacific is only available as a major to international students. International students may access one of the other majors offered provided that the country they choose as their major is able to grant them a visa to study there. This needs to be determined prior to commencing subjects within the major. If a visa cannot be granted, then it is not possible to undertake the chosen major.

Students are admitted to the International Studies program with no guarantee of entry to a specific major, although every effort is made to meet students' preferences. The Institute reserves the right to allocate places in majors according to its resources and arrangements with overseas universities.

Each major includes 32 credit points (four 8-credit-point subjects) of instruction in

Language and Culture; 8 credit points of study of Comparative Social Change; 8 credit points of study of Contemporary Society; and 48 credit points (two semesters) of study at a university or institution of higher education in the country of the major.

There are no prior language requirements for the International Studies component of this combined degree, except for programs within the Heritage major.

Arrangements for In-country Study

Students are required to complete all appropriate subjects in their combined degree, including four consecutive semesters of study of Language and Culture before proceeding to In-country Study.

The Institute for International Studies makes arrangements for students to spend two semesters of In-country Study at an institution of higher education in the country of their major. The costs of tuition at overseas universities and of travel between Sydney and the student's place of study are paid by UTS, except in cases where a scholarship has been awarded to a student with provision for these costs. Visa fees are also paid by UTS, and students are covered by the UTS Overseas Insurance Policy. Students undertaking the Heritage or Independent Study major may be required to bear some of the tuition costs at the overseas university. During their In-country Study, students continue to be enrolled at UTS and to pay HECS for their study.

Students must pay the costs of accommodation and other living expenses during their period of In-country Study. Students should be aware that the living costs vary from country to country and that in some countries, such as Japan, living costs are high.

The In-country Study is the key component of the International Studies program. It provides a unique opportunity for students to immerse themselves in the language and culture of another country through a learning program at a host university, through involvement in the life of the local community and through project work which is supervised by the Institute. Each student's individual study program depends on their level of language competence and the subjects and other learning experiences that are available at the host university. All students who undertake In-country Study must agree to the Institute's Conditions of Participation for In-country

Study. Any study undertaken at the host university during the two semesters of In-country Study is part of the In-country Study experience. Students may not credit any subjects completed at their host university during the period of In-country Study towards the professional component of their combined degree.

Course program

Year 1

84xxx	Six first-year Industrial Professional Core Program subjects	36cp
855xx	Two Design Discipline subjects ¹	12cp

Year 2

971xx	Language and Culture 1	8cp
50140	Comparative Social Change	8cp
972xx	Language and Culture 2	8cp
84xxx	Three second-year Industrial Professional Core Program subjects	18cp
xxxxx	Elective	6cp

Year 3

973xx	Language and Culture 3	8cp
974xx	Language and Culture 4	8cp
976xx	Contemporary Society	8cp
84xxx	Two second-year Industrial Professional Core Program subjects	12cp
xxxxx	Two electives	12cp

Year 4

977xx	In-country Study 1	24cp
978xx	In-country Study 2	24cp

Year 5

84xxx	Five third-year Industrial Professional Core Program subjects	30cp
855xx	Two Design Discipline subjects ¹	12cp
xxxxx	Elective	6cp

Year 6

Note: Course program for Year 6 is subject to change in 2004.

83xxx	Two fourth-year Industrial Professional Core Program subjects	12cp
854xx	Design Theory subject ²	2cp
85700	Interdisciplinary Project	6cp
84880	Major Project Industrial Design	24cp

¹ Refer to Design Discipline subjects listed on page 36.

² Refer to Design Theory subjects listed on page 36.

Other information

For further details of the Design course component, refer to the section on Design and the entry for the Bachelor of Design in Industrial Design. Course structure subject to change in 2003. See the Faculty for details or online at:

www.uts.edu.au/div/publications/dab/index.html

Any inquiries relating to the International Studies component of this course should be directed to the Institute for International Studies on telephone (02) 9514 1574.

Combined degree students are required to confirm, during the University enrolment period, the subjects they intend to take for the year with the Institute at 10 Quay Street, Haymarket, Sydney.

Bachelor of Design in Interior Design, Bachelor of Arts in International Studies¹

- ◆ UTS course code: C10058 (pre-2003: DT02)
- ◆ UAC code: 609280
- ◆ Testamur title: Bachelor of Design in Interior Design
Bachelor of Arts in International Studies
- ◆ Abbreviation: BDesign BA
- ◆ Course fee: HECS (local)
\$7,000 per semester (international)
- ◆ Total credit points: 288

Overview

Interior design is concerned with the design of all facets of the interior environment in response to the particular human activities occurring within. The interior designer works with the building construction and product supply industries to create interior environments for specific purposes.

Course aims

The aim of the combined degree in Interior Design and International Studies is to produce graduates who have developed perspectives and skills that enable them to meet the professional demands of an internationalised marketplace.

The combined degree program in Interior Design and International Studies provides students with additional practical skills, in particular those that make them aware of the international contexts of interior design, by providing them with the opportunity to acquire knowledge and understanding of a language and culture other than English.

Course duration

The Bachelor of Design in Interior Design, Bachelor of Arts in International Studies is a six-year, full-time degree in which the study of Interior Design is integrated with a major in the language and culture of another country. Students spend the fourth year of study at a university overseas.

Course structure

Interior Design component

The Interior Design program allows for a broad view of the role of the interior designer. To implement this, the course allows for specialised and flexible learning paths in which experimentation, exploration and investigation are offered. In Years 2, 3 and 5, the interior design student may choose a specialised sequence of studios from a range of elective core subjects.

In the first semester of the final year of study, students complete a interdisciplinary project, a research dissertation, an Interior Professional Core Program subject and interdisciplinary Design Theory subject. In the final semester of study, students complete an individual semester-long design project in which they demonstrate their particular interior design stance.

International Studies component

The Bachelor of Arts in International Studies requires undergraduates to study a major – a region or country – over a minimum of three years. In Sydney, students study Language and Culture for at least two years, followed by a period of study overseas.

In the International Studies program, students study one of the following countries or majors: Canada (Québec), Chile, China, France, Germany, Indonesia, Italy, Japan, Latino Studies (USA), Malaysia, Mexico, Spain, Switzerland and Thailand. There are two other majors available that permit students to pursue programs of study about and in countries where other arrangements have not already been made. The Heritage major permits students with significant prior knowledge of a particular language and culture to continue their study in countries such as Croatia, Greece, Hong Kong, Korea, Poland, Russia, Taiwan, the Philippines, Vietnam and others. The Independent Study major is available where a language is taught in Sydney and a program of In-country Study can be arranged.

Australia and the Asia-Pacific is only available as a major to international students. International students may access one of the other majors offered provided that the country they choose as their major is able to grant them a visa to study there. This needs to be determined prior to commencing subjects within the major. If a visa cannot be granted, then it is not possible to undertake the chosen major.

¹ Course structure subject to change in 2003. See the Faculty for details or online at:
www.uts.edu.au/div/publications/dab/index.html

Students are admitted to the International Studies program with no guarantee of entry to a specific major, although every effort is made to meet students' preferences. The Institute reserves the right to allocate places in majors according to its resources and arrangements with overseas universities.

Each major includes 32 credit points (four 8-credit-point subjects) of instruction in Language and Culture; 8 credit points of study of Comparative Social Change; 8 credit points of study of Contemporary Society; and 48 credit points (two semesters) of study at a university or institution of higher education in the country of the major.

There are no prior language requirements for the International Studies component of this combined degree, except for programs within the Heritage major.

Arrangements for In-country Study

Students are required to complete all appropriate subjects in their combined degree, including four consecutive semesters of study of Language and Culture before proceeding to In-country Study.

The Institute for International Studies makes arrangements for students to spend two semesters of In-country Study at an institution of higher education in the country of their major. The costs of tuition at overseas universities and of travel between Sydney and the student's place of study are paid by UTS, except in cases where a scholarship has been awarded to a student with provision for these costs. Visa fees are also paid by UTS, and students are covered by the UTS Overseas Insurance Policy. Students undertaking the Heritage or Independent Study major may be required to bear some of the tuition costs at the overseas university. During their In-country Study, students continue to be enrolled at UTS and to pay HECS for their study.

Students must pay the costs of accommodation and other living expenses during their period of In-country Study. Students should be aware that the living costs vary from country to country and that in some countries, such as Japan, living costs are high.

The In-country Study is the key component of the International Studies program. It provides a unique opportunity for students to immerse themselves in the language and culture of another country through a learning program at a host university, through involvement in the life of the local community and

through project work which is supervised by the Institute. Each student's individual study program depends on their level of language competence and the subjects and other learning experiences that are available at the host university. All students who undertake In-country Study must agree to the Institute's Conditions of Participation for In-country Study. Any study undertaken at the host university during the two semesters of In-country Study is part of the In-country Study experience. Students may not credit any subjects completed at their host university during the period of In-country Study towards the professional component of their combined degree.

Course program

Year 1

86xxx	Six first-year Interior Professional Core Program subjects	36cp
855xx	Two Design Discipline subjects ¹	12cp

Year 2

971xx	Language and Culture 1	8cp
50140	Comparative Social Change	8cp
972xx	Language and Culture 2	8cp
86xxx	Three second-year Interior Professional Core Program subjects	18cp
xxxxx	Elective	6cp

Year 3

973xx	Language and Culture 3	8cp
974xx	Language and Culture 4	8cp
976xx	Contemporary Society	8cp
86xxx	Two second-year Interior Professional Core Program subjects	12cp
xxxxx	Two electives	12cp

Year 4

977xx	In-country Study 1	24cp
978xx	In-country Study 2	24cp

Year 5

86xxx	Five third-year Interior Professional Core Program subjects	30cp
855xx	Two Design Discipline subjects ¹	12cp
xxxxx	Elective	6cp

¹ Refer to Design Discipline subjects listed on page 36.

Year 6

Note: Course program for Year 6 is subject to change in 2004.

83xxx	Two fourth-year Interior Professional Core Program subjects	12cp
854xx	Design Theory subject ¹	2cp
85700	Interdisciplinary Project	6cp
86880	Interior Design Major Project	24cp

¹ Refer to Design Theory subjects listed on page 36.

Other information

For further details of the Design course component, refer to the section on Design and the entry for the Bachelor of Design in Interior Design. Course structure subject to change in 2003. See the Faculty for details or online at: www.uts.edu.au/div/publications/dab/index.html

Any inquiries relating to the International Studies component of this course should be directed to the Institute for International Studies on telephone (02) 9514 1574.

Combined degree students are required to confirm, during the University enrolment period, the subjects they intend to take for the year with the Institute at 10 Quay Street, Haymarket, Sydney.

Bachelor of Design in Visual Communication, Bachelor of Arts in International Studies¹

- ◆ UTS course code: C10060 (pre-2003: DV02)
- ◆ UAC code: 609290
- ◆ Testamur title: Bachelor of Design in Visual Communication
Bachelor of Arts in International Studies
- ◆ Abbreviation: BDesign BA
- ◆ Course fee: HECS (local)
\$7,500 per semester (international)
- ◆ Total credit points: 288

Overview

Design of visual communication involves the creation, processing and production of messages in a visual form. Designers in this area are employed to use their creativity and knowledge to determine the optimum effectiveness of the message, visually communicated to a selected group of people. The message may be designed to instruct, direct, inform, entertain or persuade, most often incorporating words and images produced free-hand or with the assistance of photographic, video and digital technologies. In visual communication, designed messages are reproduced or transmitted to the end user/viewer through print or screen media.

Course aims

The aim of the combined degree in Visual Communication and International Studies is to produce graduates who have developed perspectives and understandings that enable them to meet the professional demands of an internationalised marketplace.

The combined degree program in Visual Communication and International Studies provides students with additional practical skills, in particular those that make them aware of the international contexts of visual communication, by providing the opportunity to acquire knowledge and understanding of a language and culture other than English.

¹ Course structure subject to change in 2003. See the Faculty for details or online at:

www.uts.edu.au/div/publications/dab/index.html

Course duration

The Bachelor of Design in Visual Communication, Bachelor of Arts in International Studies is a six-year, full-time degree in which the study of Visual Communication is integrated with a major in the language and culture of another country. Students spend the fourth year of study at a university overseas.

Course structure

Visual Communication component

The Visual Communication course aims to prepare students for work in a field that is extremely diverse and expects graduates to aspire to the highest level of professional practice and take an imaginative and constructively critical approach to their work. Students are encouraged to develop their own creative abilities and to be aware of the broader cultural, social and political impact of their design work. Visual Communication studies focus on an understanding of the way the design process is mediated by the contemporary sociopolitical framework within which it occurs.

Subjects actively encourage conceptual skills and design processing in the context of communication, rather than the performance of technical operational skills. This is emphasised throughout the course which is structured to allow students to select areas of interest particularly in the second half of the course.

International Studies component

The Bachelor of Arts in International Studies requires undergraduates to study a major – a region or country – over a minimum of three years. In Sydney, students study Language and Culture for at least two years, followed by a period of study overseas.

In the International Studies program, students study one of the following countries or majors: Canada (Québec), Chile, China, France, Germany, Indonesia, Italy, Japan, Latino Studies (USA), Malaysia, Mexico, Spain, Switzerland and Thailand. There are two other majors available that permit students to pursue programs of study about and in countries where other arrangements have not already been made. The Heritage major permits students with significant prior knowledge of a particular language and culture to continue their study in countries

such as Croatia, Greece, Hong Kong, Korea, Poland, Russia, Taiwan, the Philippines, Vietnam and others. The Independent Study major is available where a language is taught in Sydney and a program of In-country Study can be arranged.

Australia and the Asia-Pacific is only available as a major to international students. International students may access one of the other majors offered provided that the country they choose as their major is able to grant them a visa to study there. This needs to be determined prior to commencing subjects within the major. If a visa cannot be granted, then it is not possible to undertake the chosen major.

Students are admitted to the International Studies program with no guarantee of entry to a specific major, although every effort is made to meet students' preferences. The Institute reserves the right to allocate places in majors according to its resources and arrangements with overseas universities.

Each major includes 32 credit points (four 8-credit-point subjects) of instruction in Language and Culture; 8 credit points of study of Comparative Social Change; 8 credit points of study of Contemporary Society; and 48 credit points (two semesters) of study at a university or institution of higher education in the country of the major.

There are no prior language requirements for the International Studies component of this combined degree, except for programs within the Heritage major.

Arrangements for In-country Study

Students are required to complete all appropriate subjects in their combined degree, including four consecutive semesters of study of Language and Culture before proceeding to In-country Study.

The Institute for International Studies makes arrangements for students to spend two semesters of In-country Study at an institution of higher education in the country of their major. The costs of tuition at overseas universities and of travel between Sydney and the student's place of study are paid by UTS, except in cases where a scholarship has been awarded to a student with provision for these costs. Visa fees are also paid by UTS, and students are covered by the UTS Overseas Insurance Policy. Students undertaking the Heritage or Independent Study major may be required to bear some of the tuition costs at the overseas university. During their

In-country Study, students continue to be enrolled at UTS and to pay HECS for their study.

Students must pay the costs of accommodation and other living expenses during their period of In-country Study. Students should be aware that the living costs vary from country to country and that in some countries, such as Japan, living costs are high.

The In-country Study is the key component of the International Studies program. It provides a unique opportunity for students to immerse themselves in the language and culture of another country through a learning program at a host university, through involvement in the life of the local community and through project work which is supervised by the Institute. Each student's individual study program depends on their level of language competence and the subjects and other learning experiences that are available at the host university. All students who undertake In-country Study must agree to the Institute's Conditions of Participation for In-country Study. Any study undertaken at the host university during the two semesters of In-country Study is part of the In-country Study experience. Students may not credit any subjects completed at their host university during the period of In-country Study towards the professional component of their combined degree.

Course program

Year 1

87xxx	Six first-year Visual Communication Professional Core Program subjects	36cp
855xx	Two Design Discipline subjects ¹	12cp

Year 2

971xx	Language and Culture 1	8cp
50140	Comparative Social Change	8cp
972xx	Language and Culture 2	8cp
87xxx	Three second-year Visual Communication Professional Core Program subjects	18cp
xxxxx	Elective	6cp

Year 3

973xx	Language and Culture 3	8cp
974xx	Language and Culture 4	8cp
976xx	Contemporary Society	8cp
87xxx	Two second-year Visual Communication Professional Core Program subjects	2cp
xxxxx	Two electives	12cp

Year 4

977xx	In-country Study 1	24cp
978xx	In-country Study 2	24cp

Year 5

87xxx	Five third-year Visual Communication Professional Core Program subjects	30cp
855xx	Two Design Discipline subjects ¹	12cp
xxxxx	Elective	6cp

Note: Course program for Year 6 is subject to change in 2004.

Year 6

83xxx	Two fourth-year Visual Communication Professional Core Program subjects	12cp
854xx	Design Theory subject ²	2cp
85700	Interdisciplinary Project	6cp
87880	VC: Major Project	24cp

¹ Refer to Design Discipline subjects listed on page 36.

² Refer to Design Theory subjects listed on page 36.

Other information

For further details of the Design course component, refer to the section on Design and the entry for the Bachelor of Design in Visual Communication. Course structure subject to change in 2003. See the Faculty for details or online at:

www.uts.edu.au/div/publications/dab/index.html

Any inquiries relating to the International Studies component of this course should be directed to the Institute for International Studies on telephone (02) 9514 1574.

Combined degree students are required to confirm, during the University enrolment period, the subjects they intend to take for the year with the Institute at 10 Quay Street, Haymarket, Sydney.

Bachelor of Construction, Bachelor of Arts in International Studies

- ◆ UTS course code: to be advised (pre-2003: AB19)
- ◆ UAC code: to be advised
- ◆ Testamur title: Bachelor of Construction
Bachelor of Arts (International Studies)
- ◆ Abbreviation: BCons BA
- ◆ Course fee: HECS (local)
\$6,600 per semester (international)
- ◆ Total credit points: 288

Bachelor of Construction (Honours), Bachelor of Arts in International Studies

- ◆ UTS course code: to be advised (pre-2003: AB20)
- ◆ UAC code: to be advised
- ◆ Testamur title: Bachelor of Construction
Bachelor of Arts (International Studies)
- ◆ Abbreviation: BCons(Hons) BA
- ◆ Course fee: HECS (local)
\$6,600 per semester (international)
- ◆ Total credit points: 288

From 2003, the Bachelor of Building in Construction Economics, Bachelor of Arts in International Studies, and Bachelor of Building in Construction Management, Bachelor of Arts in International Studies will be phased out and replaced by a single undergraduate course commencing in 2003: the Bachelor of Construction, Bachelor of Arts in International Studies.

Existing students in the Bachelor of Building in Construction Economics, Bachelor of Arts in International Studies or the Bachelor of Building in Construction Management, Bachelor of Arts in International Studies who are unable to complete discontinued subjects in either of the old courses due to failures or leave of absence will be encouraged to transfer to the new course, in which case their standing will be determined on the basis of the transition arrangements, the details of which are available from the Faculty Office. Should this not be possible then equivalent subjects in the new course will be allocated to replace those discontinued in the old courses.

Overview

The combined Bachelor of Construction, Bachelor of Arts in International Studies aims to provide graduates not only with those skills necessary for the management of all aspects of the construction process, but also to develop perspectives and understandings that enable them to meet the demands of an internationalised professional environment. The degree also provides education in areas related to the construction industry including construction technology, management, applied economics and property development, and leads to a professional qualification in construction management and/or quantity surveying. Graduates have a unique blend of technical and management skills, are able to provide financial and economic advice throughout the construction process, and possess an advanced understanding of the language and culture of their chosen country of study, thus enabling them to pursue a range of career paths both locally and internationally.

Course duration

The Bachelor of Construction, Bachelor of Arts in International Studies is a six-year, full-time degree program combining the Bachelor of Construction program with the Bachelor of Arts in International Studies.

Course structure

Construction component

To graduate, a student is required to have completed 192 credit points in Construction, comprising 28 core 6-credit-point subjects and four 6-credit-point electives. The contact hours allocated to each subject are nominal and are often a combination of lectures, tutorials, workshops, and self-directed teaching methods. Some subjects will be delivered electronically through UTSONline. Electives can be chosen either from within the Design, Architecture and Building Faculty or from the many electives offered by other faculties throughout the University. Students undertaking four elective subjects (24 credit points) within a common area will be eligible for a sub-major. Sub-majors are to be offered in four areas, depending on demand. Work experience comprises an important component of the course.

International Studies component

The Bachelor of Arts in International Studies requires undergraduates to study a major – a region or country – over a minimum of three years. In Sydney, students study Language and Culture for at least two years, followed by a period of study overseas.

In the International Studies program, students study one of the following countries or majors: Canada (Québec), Chile, China, France, Germany, Indonesia, Italy, Japan, Latino Studies (USA), Malaysia, Mexico, Spain, Switzerland and Thailand. There are two other majors available that permit students to pursue programs of study about and in countries where other arrangements have not already been made. The Heritage major permits students with significant prior knowledge of a particular language and culture to continue their study in countries such as Croatia, Greece, Hong Kong, Korea, Poland, Russia, Taiwan, the Philippines, Vietnam and others. The Independent Study major is available where a language is taught in Sydney and a program of In-country Study can be arranged.

Australia and the Asia-Pacific is only available as a major to international students. International students may access one of the other majors offered provided that the country they choose as their major is able to grant them a visa to study there. This needs to be determined prior to commencing subjects within the major. If a visa cannot be granted, then it is not possible to undertake the chosen major.

Students are admitted to the International Studies program with no guarantee of entry to a specific major, although every effort is made to meet students' preferences. The Institute reserves the right to allocate places in majors according to its resources and arrangements with overseas universities.

Each major includes 32 credit points (four 8-credit-point subjects) of instruction in Language and Culture; 8 credit points of study of Comparative Social Change; 8 credit points of study of Contemporary Society; and 48 credit points (two semesters) of study at a university or institution of higher education in the country of the major.

There are no prior language requirements for the International Studies component of this combined degree, except for programs within the Heritage major.

Arrangements for In-country Study

Students are required to complete all appropriate subjects in their combined degree, including four consecutive semesters of study of Language and Culture before proceeding to In-country Study.

The Institute for International Studies makes arrangements for students to spend two semesters of In-country Study at an institution of higher education in the country of their major. The costs of tuition at overseas universities and of travel between Sydney and the student's place of study are paid by UTS, except in cases where a scholarship has been awarded to a student with provision for these costs. Visa fees are also paid by UTS, and students are covered by the UTS Overseas Insurance Policy. Students undertaking the Heritage or Independent Study major may be required to bear some of the tuition costs at the overseas university. During their In-country Study, students continue to be enrolled at UTS and to pay HECS for their study.

Students must pay the costs of accommodation and other living expenses during their period of In-country Study. Students should be aware that the living costs vary from country to country and that in some countries, such as Japan, living costs are high.

The In-country Study is the key component of the International Studies program. It provides a unique opportunity for students to immerse themselves in the language and culture of another country through a learning program at a host university, through involvement in the life of the local community and through project work which is supervised by the Institute. Each student's individual study program depends on their level of language competence and the subjects and other learning experiences that are available at the host university. All students who undertake In-country Study must agree to the Institute's Conditions of Participation for In-country Study. Any study undertaken at the host university during the two semesters of In-country Study is part of the In-country Study experience. Students may not credit any subjects completed at their host university during the period of In-country Study towards the professional component of their combined degree.

Course program

Year 1

Autumn semester

16108	Introduction to Law	6cp
16109	Construction 1	6cp
16103	Building Science/Materials 1	6cp
16104	Preparatory Studies	6cp

Spring semester

16105	Building Measurement	6cp
16106	Drawing and Surveying	6cp
16107	Planning and Design Process	6cp
16910	Project Management 1	6cp

Year 2

Autumn semester

16204	Construction 2	6cp
16205	Services 1	6cp
971xxx	Language and Culture 1	8cp
50140	Comparative Social Change	8cp

Spring semester

16207	Building Economics 1	6cp
972xxx	Language and Culture 2	8cp
16912	Project Management 2	6cp

Year 3

Autumn semester

16206	Structural Appreciation	6cp
16203	Estimating	6cp
973xxx	Language and Culture 3	8cp

Spring semester

16208	Integrated Case Study 1	6cp
16209	Building Science/Materials 2	6cp
974xxx	Language and Culture 4	8cp
976xxx	Contemporary Society	8cp

Year 4

977xxx	In-country Study 1 (Autumn semester)	24cp
978xxx	In-country Study 2 (Spring semester)	24cp

Year 5

Autumn semester

16313	Building Economics 2	6cp
16314	Construction 3	6cp
16315	Structural Behaviour	6cp
16913	Project Management 3	6cp

Spring semester

16316	Building Company Performance	6cp
16307	Integrated Case Study 2	6cp
16308	Services 2	6cp
xxxxx	Sub-major subject/elective*	6cp

Year 6

Autumn semester

16421	Construction Law and Practice	6cp
16422	Site Management	6cp
xxxxx	Sub-major subject/elective*	6cp
xxxxx	Sub-major subject/elective*	6cp

Spring semester

16423	Contract Administration	6cp
16424	Construction MIS	6cp
xxxxx	Sub-major subject/elective*	6cp
16914	Project Management 4	6cp

*Years 5 and 6 – alternative subjects for Honours Students

16904	Building Research 1	6cp
16905	Building Research 2	6cp
16906	Honours Elective: Thesis	12cp

Electives for sub-majors

Property Development

16xxx	Advanced Procurement Methods	6cp
16xxx	Advanced Project Analysis	6cp
16xxx	Industry Economics	6cp
16xxx	Financing Construction Projects	6cp

Technology

16xxx	International Construction	6cp
16xxx	Sustainable Building Technology	6cp
16xxx	Building Assessment	6cp
16xxx	Advanced Construction Technologies	6cp

Building Surveying

16xxx	Fire Dynamics	6cp
16xxx	Performance-based Certification	6cp
16xxx	Fire Safety Systems	6cp
16xxx	Human Behaviour in Fire	6cp

General Practice

16xxx	Expert Witness	6cp
16xxx	Evolution of Technology	6cp
16xxx	Professional Practice	6cp
16xxx	Building Control and Regulations	6cp

Honours

The Bachelor of Construction (Honours), Bachelor of Arts in International Studies degree program consists of 288 credit points including a 24-credit-point Honours stream comprising two 6-credit-point research subjects and a 12-credit-point thesis. Students who achieve a weighted average mark (WAM) of 65 per cent (Credit) or higher have the option of transferring into the Honours program. Choosing to enter the Honours program, given initial eligibility, is a matter of student discretion.

The Bachelor of Construction (Honours), Bachelor of Arts in International Studies is to be awarded with First Class, Second Class (Division I and II), based on the weighted average mark across all subjects (including unspecified electives) undertaken in the Pass degree and Honours program. Subjects failed on the first attempt will be counted as 50 per cent.

First Class is considered 75 per cent or more, Second Class (Division I) is 70–74 per cent, Second Class (Division II) is 65–69 per cent. Students undertaking the Honours program who have a final WAM below 65 per cent will be awarded a Pass degree.

Other information

For further details of the Construction course component, refer to the section on Building and the entry for the Bachelor of Construction.

Any inquiries relating to the International Studies component of this course should be directed to the Institute for International Studies on telephone (02) 9514 1574.

Combined degree students are required to confirm, during the University enrolment period, the subjects they intend to take for the year with the Institute at 10 Quay Street, Haymarket, Sydney.

Bachelor of Building in Construction Economics, Bachelor of Arts in International Studies¹

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- ◆ UTS course code: C10009 [pre-2003: AB08]
 - ◆ UAC code: 609180
 - ◆ Testamur title: Bachelor of Building in Construction Economics
Bachelor of Arts in International Studies
 - ◆ Abbreviation: BBuild BA
 - ◆ Course fee: HECS (local)
\$6,600 per semester (international)
 - ◆ Total credit points: 288
-

With the introduction in 2003 of the new Bachelor of Construction, Bachelor of Arts in International Studies, the Bachelor of Building in Construction Economics, Bachelor of Arts in International Studies will no longer be offered to first-year students. Existing students in this degree who are unable to complete discontinued subjects due to failures or leave of absence are encouraged to transfer to the new course, in which case their standing will be determined on the basis of the transition arrangements, the details of which are available from the Faculty Office. Should this not be possible then equivalent subjects in the new course will be allocated to replace those discontinued.

Overview

The Construction Economics degree program provides quantity surveying education in applied economics for the construction industry, and leads to a professional qualification in quantity surveying. Quantity surveyors provide financial and economic advice relating to the cost management of projects from the time of their conception and throughout the design, construction and deployment phases.

Course aims

The aim of the combined degree is to provide graduates with the ability to deal with other languages and cultures, both within Australia and internationally.

¹ Course structure subject to change in 2003. See the Faculty for details or online at:
www.uts.edu.au/div/publications/dab/index.html

Course duration

The Bachelor of Building in Construction Economics, Bachelor of Arts in International Studies is a six-year, full-time degree program combining the Bachelor of Building in Construction Economics program with the Bachelor of Arts in International Studies.

Course structure

Construction Economics component

Construction Economics covers all the important areas within the discipline and has a clear economic bias. A range of topics are dealt with including quantity surveying, economics, law, design, computing, management, materials science, estimating, construction and services.

The construction subjects are a core element of the course. Students are required to undertake practical studies as part of these subjects which typically involve field work or simulated office practice.

International Studies component

The Bachelor of Arts in International Studies requires undergraduates to study a major – a region or country – over a minimum of three years. In Sydney, students study Language and Culture for at least two years, followed by a period of study overseas.

In the International Studies program, students study one of the following countries or majors: Canada (Québec), Chile, China, France, Germany, Indonesia, Italy, Japan, Latino Studies (USA), Malaysia, Mexico, Spain, Switzerland and Thailand. There are two other majors available that permit students to pursue programs of study about and in countries where other arrangements have not already been made. The Heritage major permits students with significant prior knowledge of a particular language and culture to continue their study in countries such as Croatia, Greece, Hong Kong, Korea, Poland, Russia, Taiwan, the Philippines, Vietnam and others. The Independent Study major is available where a language is taught in Sydney and a program of In-country Study can be arranged.

Australia and the Asia-Pacific is only available as a major to international students. International students may access one of the other majors offered provided that the country they choose as their major is able to grant them a visa to study there. This needs to be determined prior to commencing subjects within

the major. If a visa cannot be granted, then it is not possible to undertake the chosen major.

Students are admitted to the International Studies program with no guarantee of entry to a specific major, although every effort is made to meet students' preferences. The Institute reserves the right to allocate places in majors according to its resources and arrangements with overseas universities.

Each major includes 32 credit points (four 8-credit-point subjects) of instruction in Language and Culture; 8 credit points of study of Comparative Social Change; 8 credit points of study of Contemporary Society; and 48 credit points (two semesters) of study at a university or institution of higher education in the country of the major.

There are no prior language requirements for the International Studies component of this combined degree, except for programs within the Heritage major.

Arrangements for In-country Study

Students are required to complete all appropriate subjects in their combined degree, including four consecutive semesters of study of Language and Culture before proceeding to In-country Study.

The Institute for International Studies makes arrangements for students to spend two semesters of In-country Study at an institution of higher education in the country of their major. The costs of tuition at overseas universities and of travel between Sydney and the student's place of study are paid by UTS, except in cases where a scholarship has been awarded to a student with provision for these costs. Visa fees are also paid by UTS, and students are covered by the UTS Overseas Insurance Policy. Students undertaking the Heritage or Independent Study major may be required to bear some of the tuition costs at the overseas university. During their In-country Study, students continue to be enrolled at UTS and to pay HECS for their study.

Students must pay the costs of accommodation and other living expenses during their period of In-country Study. Students should be aware that the living costs vary from country to country and that in some countries, such as Japan, living costs are high.

The In-country Study is the key component of the International Studies program. It provides a unique opportunity for students to immerse themselves in the language and

culture of another country through a learning program at a host university, through involvement in the life of the local community and through project work which is supervised by the Institute. Each student's individual study program depends on their level of language competence and the subjects and other learning experiences that are available at the host university. All students who undertake In-country Study must agree to the Institute's Conditions of Participation for In-country Study. Any study undertaken at the host university during the two semesters of In-country Study is part of the In-country Study experience. Students may not credit any subjects completed at their host university during the period of In-country Study towards the professional component of their combined degree.

Course program

Year 1

From 2003, Year 1 subjects for the Construction Economics component of the BBuild BA course will no longer be offered. First-year students must enrol in the new BCons BA course.

Year 2

Autumn semester

971xx	Language and Culture 1	8cp
16180	Statistics A	4cp
16181	Construction 2A	4cp
16xxx	Allocated subject from the BCons program ¹	8cp

Spring semester

972xx	Language and Culture 2	8cp
16280	Statistics S	4cp
16281	Construction 2S	4cp
16xxx	Allocated subject from the BCons program ¹	8cp

Year 3

Autumn semester

973xx	Language and Culture 3	8cp
16182	Quantity Surveying 2A	4cp
16183	Legal Studies 1A	4cp
16184	Estimating A	4cp
16185	Engineering Services A	4cp

Spring semester

974xx	Language and Culture 4	8cp
16282	Quantity Surveying 2S	4cp
16283	Legal Studies 1S	4cp
16284	Estimating S	4cp
16285	Engineering Services S	4cp

¹ These subjects will be chosen in consultation with the Director of Program or the Responsible Academic Officer.

Year 4

Autumn semester

977xx	In-country Study 1	24cp
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Spring semester

978xx	In-country Study 2	24cp
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Year 5

Autumn semester

16186	Project Planning and Risk A	4cp
16187	Construction 3A	4cp
16188	Quantity Surveying 3A	4cp
16189	Legal Studies 2A	4cp
16190	Cost Planning and Modelling A	4cp
16191	Economic Development A	4cp

Spring semester

16286	Project Planning and Risk S	4cp
16287	Construction 3S	4cp
16288	Quantity Surveying 3S	4cp
16289	Legal Studies 2S	4cp
16290	Cost Planning and Modelling S	4cp
16291	Economic Development S	4cp

Year 6

Autumn semester

16192	Contract Administration A	4cp
16193	Construction 4A	4cp
16194	Advanced Cost Engineering A	4cp
16195	Economic Analysis A	4cp
16196	Quantity Surveying Practice A*	4cp
xxxxx	Unspecified elective*	4cp

Spring semester

16292	Contract Administration S	4cp
16293	Construction 4S	4cp
16294	Advanced Cost Engineering S	4cp
16295	Economic Analysis S	4cp
16296	Quantity Surveying Practice S*	4cp
xxxxx	Unspecified elective*	4cp

*Final Year alternative

16200	QS Project A	6cp
16297	QS Project S	6cp
xxxxx	Unspecified elective	4cp

Other information

For further details of Construction Economics course subjects, refer to the section on Building and the entry for the Bachelor of Building in Construction Economics.

Any inquiries relating to the International Studies component of this course should be directed to the Institute for International Studies on telephone (02) 9514 1574.

Combined degree students are required to confirm, during the University enrolment period, the subjects they intend to take for the year with the Institute at 10 Quay Street, Haymarket, Sydney.

Bachelor of Building in Construction Management, Bachelor of Arts in International Studies¹

- ◆ UTS course code: C10010 [pre-2003: AB09]
- ◆ UAC code: 609190
- ◆ Testamur title: Bachelor of Building in Construction Management
Bachelor of Arts in International Studies
- ◆ Abbreviation: BBuild BA
- ◆ Course fee: HECS (local)
\$6,600 per semester (international)
- ◆ Total credit points: 288

With the introduction in 2003 of the new Bachelor of Construction, Bachelor of Arts in International Studies, the Bachelor of Building in Construction Management, Bachelor of Arts in International Studies will no longer be offered to first-year students. Existing students in this degree who are unable to complete discontinued subjects due to failures or leave of absence are encouraged to transfer to the new course, in which case their standing will be determined on the basis of the transition arrangements, the details of which are available from the Faculty Office. Should this not be possible then equivalent subjects in the new course will be allocated to replace those discontinued.

Overview

The combined Bachelor of Building in Construction Management, Bachelor of Arts in International Studies provides students specialising in Construction Management with additional practical skills by providing the opportunity to acquire knowledge and understanding of a language and culture other than English. The Building graduate is concerned with management of the construction process. Extensive technological skills are required alongside the capacity to manage people, materials, equipment and plant in order to carry out this task as effectively as possible.

¹ Course structure subject to change in 2003. See the Faculty for details or online at:

www.uts.edu.au/div/publications/dab/index.html

Course aims

The combined degree in Construction Management and International Studies aims to produce graduates who have developed perspectives and understandings that enable them to meet the demands of an internationalised professional environment.

Course duration

The combined degree is a six-year, full-time program in which Construction Management studies are combined with International Studies.

Course structure

To graduate, a student is required to have completed 288 credit points: 192 credit points in Construction Management; and 96 credit points in International Studies. Students are also required to undertake periods of approved industrial training. The degree may be conferred with First or Second Class Honours for meritorious performance.

Construction Management component

Construction Management concerns the management of the construction stage of building projects on time, within estimated cost targets and to the level of quality established in the contract documents, and fulfilling the needs of the community. The course focuses on resource and site management but also covers areas such as materials, structures, services, estimating, law, economics and construction technology.

Students are required to undertake practical studies as part of these subjects which typically involve field work or simulated office practice.

International Studies component

The Bachelor of Arts in International Studies requires undergraduates to study a major – a region or country – over a minimum of three years. In Sydney, students study Language and Culture for at least two years, followed by a period of study overseas.

In the International Studies program, students study one of the following countries or majors: Canada (Québec), Chile, China,

France, Germany, Indonesia, Italy, Japan, Latino Studies (USA), Malaysia, Mexico, Spain, Switzerland and Thailand. There are two other majors available that permit students to pursue programs of study about and in countries where other arrangements have not already been made. The Heritage major permits students with significant prior knowledge of a particular language and culture to continue their study in countries such as Croatia, Greece, Hong Kong, Korea, Poland, Russia, Taiwan, the Philippines, Vietnam and others. The Independent Study major is available where a language is taught in Sydney and a program of In-country Study can be arranged.

Australia and the Asia-Pacific is only available as a major to international students. International students may access one of the other majors offered provided that the country they choose as their major is able to grant them a visa to study there. This needs to be determined prior to commencing subjects within the major. If a visa cannot be granted, then it is not possible to undertake the chosen major.

Students are admitted to the International Studies program with no guarantee of entry to a specific major, although every effort is made to meet students' preferences. The Institute reserves the right to allocate places in majors according to its resources and arrangements with overseas universities.

Each major includes 32 credit points (four 8-credit-point subjects) of instruction in Language and Culture; 8 credit points of study of Comparative Social Change; 8 credit points of study of Contemporary Society; and 48 credit points (two semesters) of study at a university or institution of higher education in the country of the major.

There are no prior language requirements for the International Studies component of this combined degree, except for programs within the Heritage major.

Arrangements for In-country Study

Students are required to complete all appropriate subjects in their combined degree, including four consecutive semesters of study of Language and Culture before proceeding to In-country Study.

The Institute for International Studies makes arrangements for students to spend two semesters of In-country Study at an institution of higher education in the country of their major. The costs of tuition at overseas universities and of travel between Sydney and the student's place of study are paid by UTS, except in cases where a scholarship has been awarded to a student with provision for these costs. Visa fees are also paid by UTS, and students are covered by the UTS Overseas Insurance Policy. Students undertaking the Heritage or Independent Study major may be required to bear some of the tuition costs at the overseas university. During their In-country Study, students continue to be enrolled at UTS and to pay HECS for their study.

Students must pay the costs of accommodation and other living expenses during their period of In-country Study. Students should be aware that the living costs vary from country to country and that in some countries, such as Japan, living costs are high.

The In-country Study is the key component of the International Studies program. It provides a unique opportunity for students to immerse themselves in the language and culture of another country through a learning program at a host university, through involvement in the life of the local community and through project work which is supervised by the Institute. Each student's individual study program depends on their level of language competence and the subjects and other learning experiences that are available at the host university. All students who undertake In-country Study must agree to the Institute's Conditions of Participation for In-country Study. Any study undertaken at the host university during the two semesters of In-country Study is part of the In-country Study experience. Students may not credit any subjects completed at their host university during the period of In-country Study towards the professional component of their combined degree.

Course program

Year 1

From 2003, Year 1 subjects for the Construction Management component of the BBuild BA course will no longer be offered. First-year students must enrol in the new BCons BA course.

Year 2

Autumn semester

971xx	Language and Culture 1	8cp
16xxx	Allocated subject from the BCons program ¹	6cp
16543	Quantities	6cp
16143	Construction 2A	4cp
16144	Services 1A	3cp

Spring semester

971xx	Language and Culture 2	8cp
16xxx	Allocated subject from the BCons program ¹	6cp
16243	Construction 2S	4cp
16244	Services 1S	3cp

Year 3

Autumn semester

971xx	Language and Culture 3	8cp
16170	Drawing and Surveying 2A	3cp
16146	Construction Project 2A	4cp
16148	Introduction to Law A	3cp
16149	Structures 2A	3cp
16147	Estimating 1A	3cp

Spring semester

971xx	Language and Culture 4	8cp
16270	Drawing and Surveying 2S	3cp
16246	Construction Project 2S	4cp
16248	Introduction to Law S	3cp
16249	Structures 2A	3cp
16247	Estimating 1S	3cp

Year 4

Autumn semester

977xx	In-country Study 1	24cp
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Spring semester

978xx	In-country Study 2	24cp
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Year 5

Autumn semester

16171	Construction 3A	4cp
16172	Construction Project 3A	4cp
16173	Services 2A	2cp
16174	Material Science 2A	3cp
16175	Construction Law A	3cp
16178	Structures 3A	3cp
16179	Building Company Performance A	3cp
16132	Development Appraisal A	2cp

Year 5 (cont.)

Spring semester

16271	Construction 3S	4cp
16272	Construction Project 3S	4cp
16273	Services 2S	2cp
16274	Material Science 2S	3cp
16275	Construction Law S	3cp
16278	Structures 3S	3cp
16279	Building Company Performance S	3cp
16253	Development Appraisal S	2cp

Year 6

Autumn semester

16176	Construction 4A	4cp
16177	Estimating 2A	4cp
16133	Construction Project 4A	4cp
xxxxx	Electives (2)	4cp
16134	Professional Practice A	2cp
16135	Project A	6cp

Spring semester

16276	Construction 4S	4cp
16277	Estimating 2S	4cp
16254	Construction Project 4S	4cp
xxxxx	Electives (2)	4cp
16255	Professional Practice S	2cp
16256	Project S	6cp

Other information

Further details of Construction Management course subjects can be found in the section on Building and the entry for the Bachelor of Building in Construction Management.

Any inquiries relating to the International Studies component of this course should be directed to the Institute for International Studies on telephone (02) 9514 1574.

Combined degree students are required to confirm, during the University enrolment period, the subjects they intend to take for the year with the Institute at 10 Quay Street, Haymarket, Sydney.

¹ These subjects will be chosen in consultation with the Director of Program or the Responsible Academic Officer.

Bachelor of Property Economics, Bachelor of Arts in International Studies

- ◆ UTS course code: C10011 (pre-2003: AB10)
- ◆ UAC code: 609200
- ◆ Testamur title: Bachelor of Property Economics
Bachelor of Arts in International Studies
- ◆ Abbreviation: BPropEc BA
- ◆ Course fee: HECS (local)
\$6,600 per semester (international)
- ◆ Total credit points: 256; with Honours: 288

Overview

The Bachelor of Property Economics, Bachelor of Arts in International Studies aims to produce broadly educated graduates prepared for careers in the property industry, and to equip students with an understanding of the legalities, principles and processes required in those professional careers. The combined degree program in Property Economics and International Studies also develops perspectives and understandings that enable graduates to meet the demands of an internationalised professional environment.

The course leads to the award of a Bachelor of Property Economics degree that is granted with Honours where a high standard has been achieved. The degree, as awarded by UTS, is the professionally accepted qualification for employment as a land economist, valuer and real estate agent, on-site residential property manager, business agent and stock and station agent.

The combined degree program in Property Economics and International Studies provides students specialising in Property Economics with additional practical skills by providing the opportunity to acquire knowledge and understanding of a language and culture other than English.

Course duration

The combined program is offered on a six-year, full-time basis.

Course structure

To graduate a student is required to have completed 264 credit points: 168 credit points in Property Economics; and 96 credit points in International Studies.

International Studies component

The Bachelor of Arts in International Studies requires undergraduates to study a major – a region or country – over a minimum of three years. In Sydney, students study Language and Culture for at least two years, followed by a period of study overseas.

In the International Studies program, students study one of the following countries or majors: Canada (Québec), Chile, China, France, Germany, Indonesia, Italy, Japan, Latino Studies (USA), Malaysia, Mexico, Spain, Switzerland and Thailand. There are two other majors available that permit students to pursue programs of study about and in countries where other arrangements have not already been made. The Heritage major permits students with significant prior knowledge of a particular language and culture to continue their study in countries such as Croatia, Greece, Hong Kong, Korea, Poland, Russia, Taiwan, the Philippines, Vietnam and others. The Independent Study major is available where a language is taught in Sydney and a program of In-country Study can be arranged.

Australia and the Asia-Pacific is only available as a major to international students. International students may access one of the other majors offered provided that the country they choose as their major is able to grant them a visa to study there. This needs to be determined prior to commencing subjects within the major. If a visa cannot be granted, then it is not possible to undertake the chosen major.

Students are admitted to the International Studies program with no guarantee of entry to a specific major, although every effort is made to meet students' preferences. The Institute reserves the right to allocate places in majors according to its resources and arrangements with overseas universities.

Each major includes 32 credit points (four 8-credit-point subjects) of instruction in Language and Culture; 8 credit points of study of Comparative Social Change; 8 credit points of study of Contemporary Society; and 48 credit points (two semesters) of study at a university or institution of higher education in the country of the major.

There are no prior language requirements for the International Studies component of this combined degree, except for programs within the Heritage major.

Arrangements for In-country Study

Students are required to complete all appropriate subjects in their combined degree, including four consecutive semesters of study of Language and Culture before proceeding to In-country Study.

The Institute for International Studies makes arrangements for students to spend two semesters of In-country Study at an institution of higher education in the country of their major. The costs of tuition at overseas universities and of travel between Sydney and the student's place of study are paid by UTS, except in cases where a scholarship has been awarded to a student with provision for these costs. Visa fees are also paid by UTS, and students are covered by the UTS Overseas Insurance Policy. Students undertaking the Heritage or Independent Study major may be required to bear some of the tuition costs at the overseas university. During their In-country Study, students continue to be enrolled at UTS and to pay HECS for their study.

Students must pay the costs of accommodation and other living expenses during their period of In-country Study. Students should be aware that the living costs vary from country to country and that in some countries, such as Japan, living costs are high.

The In-country Study is the key component of the International Studies program. It provides a unique opportunity for students to immerse themselves in the language and culture of another country through a learning program at a host university, through involvement in the life of the local community and through project work which is supervised by the Institute. Each student's individual study program depends on their level of language competence and the subjects and other learning experiences that are available at the host university. All students who undertake In-country Study must agree to the Institute's Conditions of Participation for In-country Study. Any study undertaken at the host university during the two semesters of In-country Study is part of the In-country Study experience. Students may not credit any subjects completed at their host university during the period of In-country Study towards the professional component of their combined degree.

Course program**Year 1***Autumn semester*

16120	Built Environmental Design	6cp
16123	Introduction to Property	6cp
16124	Property Accounting and Management	6cp
16125	Property Economics	6cp

Spring semester

16126	Appraisal and Statistics	6cp
16127	Building Technology	6cp
16128	Property Transactions	6cp
16129	Trust Accounting and Management	6cp

Year 2*Autumn semester*

16234	Valuation Methods	6cp
50140	Comparative Social Change	8cp
971xxx	Language and Culture 1	8cp

Spring semester

16235	Urban Economics	6cp
16236	Property Cash Flow Analysis	6cp
16238	Research Methods	6cp
972xxx	Language and Culture 2	8cp

Year 3*Autumn semester*

16233	Urban Planning Process	6cp
16232	Property and Political Economy	6cp
16231	Commercial Property Management	6cp
973xxx	Language and Culture 3	8cp

Spring semester

16237	Property Taxation	6cp
976xxx	Contemporary Society	8cp
974xxx	Language and Culture 4	8cp

Year 4

977xxx	In-country Study 1 (Autumn semester)	24cp
978xxx	In-country Study 2 (Spring semester)	24cp

Year 5*Autumn semester*

16331	Specialised Valuation	6cp
16332	Investment and Portfolio	6cp
16660	Honours Research Proposal (Hons)	6cp
xxxxx	Elective	6cp

Spring semester

16333	Statutory Valuation and Litigation	6cp
16334	Development Management	6cp
16661	Property Analysis (Hons)	6cp
xxxxx	Elective	6cp

Year 6**Autumn semester**

16335	Advanced Valuation	6cp
16336	Property Title and Tenure	6cp
16662	Honours Thesis A	6cp
xxxxx	Elective	6cp

Spring semester

16337	Professional Property Practice	6cp
16338	International Property Investment	6cp
16663	Honours Thesis B	6cp
xxxxx	Elective	6cp

Honours

Students who achieve a minimum of a Credit weighted average mean in their first two levels of study may be invited to undertake the Honours program. The Honours program is taken as additional subjects, focusing on property research and analysis, Honours research proposal and a thesis.

Other information

For further details of Property Economics course subjects, refer to the section on Property and the entry for the Bachelor of Property Economics.

Any inquiries relating to the International Studies component of this course should be directed to the Institute for International Studies on telephone (02) 9514 1574.

Combined degree students are required to confirm, during the University enrolment period, the subjects they intend to take for the year with the Institute at 10 Quay Street, Haymarket, Sydney.

POSTGRADUATE COURSES

DESIGN

The Faculty offers courses in Design at Graduate Certificate, Graduate Diploma and Master's (by coursework) levels.

The following regulations are to be read in conjunction with the University's Rules and By-law, as outlined in the *UTS: Calendar* and online at:

www.uts.edu.au/div/publications/policies/index.html

Awards and graduation

A student is deemed to have completed the educational requirements for an award when he or she has achieved:

- in the case of the Graduate Certificate in Design and Technology, 16 credit points from required core subjects and 8 credit points from elective subjects
- in the case of the Graduate Diploma in Design, 16 credit points from required core subjects and 32 credit points from recommended and elective subjects, and
- in the case of the Master of Design (by coursework), 24 credit points from required core subjects, 24 credit points from recommended and elective subjects, and 24 credit points from an approved project, and has submitted in the required format, two copies of a record of his or her project work.

Assessment

The assessment period is one semester.

Credit point system

Each subject offered for credit toward an award has a credit-point value which reflects the effort normally required to complete the subject's study and other work and which provides the basis for the subject's weighting factor. The minimum number of credit points for which a student can be enrolled in a semester is:

- Graduate Certificate in Design and Technology – 8 credit points
- Graduate Diploma in Design – 8 credit points

- Master of Design (by coursework) – 8 credit points.

The maximum number of credit points for which a student can be enrolled in a semester is:

- Graduate Certificate in Design and Technology – 24 credit points
- Graduate Diploma in Design – 32 credit points
- Master of Design (by coursework) – 32 credit points.

Graduate Certificate in Design and Technology

- ◆ UTS course code: C11042 (pre-2003: D059)
- ◆ Testamur title: Graduate Certificate in Design and Technology
- ◆ Abbreviation: none
- ◆ Course fee: \$5,040 (local)¹
- ◆ Total credit points: 24

Course aims

This course offers a broad awareness of design and technology in a social and environmental context. It is also of value to those who do not have previous academic qualifications, yet have an interest in the methods and application of the processes of professional design practice.

Admission requirements

To qualify for entry to the Graduate Certificate in Design and Technology, an applicant shall hold a Bachelor's degree, diploma or equivalent qualification in an appropriate area; or submit other evidence of general and professional qualifications and a demonstrated interest in design which indicate that the applicant possesses the educational preparation and capacity to pursue graduate studies.

Course duration

This is a part-time, full-fee-paying course of one year's duration.

Course structure

To qualify for the Graduate Certificate in Design and Technology, a student must achieve 24 credit points in not less than one semester of study.

Each subject has a value of 4 credit points. Sixteen credit points must be achieved from the core subjects; the remaining 8 credit points can be achieved from elective postgraduate subjects.

Course program

Core studies

Students must complete core subjects to the value of 16 credit points.

Autumn semester

89914	Design Practice 1	4cp
89912	Design Case Studies 1	4cp

Spring semester

89012	Design Practice 2	4cp
89013	Design Case Studies 2	4cp

Electives

The remaining 8 credit points can be achieved by choosing from the following elective postgraduate subjects:

81020	Management Techniques and Design	4cp
81920	Marketing and Design	4cp
81025	Design History	4cp
82902	Sociology of Design	4cp
82009	Human Factors and Design	4cp
82915	Photography for Designers	4cp
82016	Graphic Visualisation	4cp

Basic computer elective subjects

81022	Desktop Publishing	4cp
81024	Computer Graphics 1	4cp
81924	Computer Graphics 2	4cp
81031	Web Design	4cp

Note: As elective subjects are offered in response to demand, not all subjects are available each semester.

¹ This course is not offered to international students, as it is only offered in part-time mode.

Graduate Diploma in Design

- ◆ UTS course code: C06019 [pre-2003: D052]
- ◆ Testamur title: Graduate Diploma in Design
- ◆ Abbreviation: GradDipDesign
- ◆ Course fee: \$10,080 (local)
\$7,500 per semester (international)
- ◆ Total credit points: 48

Course aims

The course examines the nature and processes of design, the roles and responsibilities of designers and their profession, and the impact of design on society. It is particularly suited to graduates working in association with designers or managing design-based processes, as well as designers who wish to upgrade their skills and those concerned with teaching design. In consequence, the course aims to provide a useful understanding of design and the methods and values of designers.

Admission requirements

Applicants are normally expected to possess a Bachelor's degree in design or an equivalent qualification in an appropriate area, and be able to submit evidence of professional experience in design.

Course duration

This is a one-year, full-time, or two-year, part-time course.

Course structure

To qualify for the Graduate Diploma in Design, a student must achieve 48 credit points in not fewer than two semesters of part-time study. Sixteen credit points must be achieved from the core subjects. The remaining 32 credit points must be achieved from recommended and elective subjects.

Course program

Students must complete core subjects to the value of 16 credit points.

Autumn semester

89912	Design Case Studies 1	4cp
89914	Design Practice 1	4cp

Spring semester

89013	Design Case Studies 2	4cp
89012	Design Practice 2	4cp

It is advised that 12 credit points be achieved from the following recommended subjects:

81020	Management Techniques and Design	4cp
81920	Marketing and Design	4cp
81025	Design History	4cp

The remaining 20 credit points can be achieved from elective postgraduate subjects:

General elective subjects

82902	Sociology of Design	4cp
82009	Human Factors and Design	4cp
82915	Photography for Designers	4cp
82016	Graphic Visualisation	4cp

Basic computer elective subjects

81022	Desktop Publishing	4cp
81024	Computer Graphics 1	4cp
81924	Computer Graphics 2	4cp
81031	Web Design	4cp

Advanced computer elective subjects

81032	Internet Design	4cp
81925	3D Computer Animation 1	4cp
81030	3D Computer Animation 2	4cp
81033	Multimedia 1	4cp
81034	Multimedia 2	4cp
81035	Digital Print Media 1	4cp
81036	Digital Print Media 2	4cp

Note: As elective subjects are offered in response to demand, not all subjects are available each semester.

Master of Design (by coursework)

- ◆ UTS course code: C04072 (pre-2003: D051)
- ◆ Testamur title: Master of Design
- ◆ Abbreviation: MDesign
- ◆ Course fee: \$15,120 (local)
\$7,500 per semester (international)
- ◆ Total credit points: 72

Course aims

This course provides practising graduates of design with an opportunity to achieve a Master's degree by a combination of coursework and project work. Coursework areas include the management and marketing of design, the technological and social implications of design, design decision-making, design research methods, computer-aided design and the history of design.

Project work is undertaken in the third year of the course and provides an opportunity for the student to explore an area of particular interest or professional benefit.

Admission requirements

To be accepted for admission to the Master of Design (by coursework) an applicant is normally required to possess a recognised four-year degree (or equivalent) in an appropriate area of design, and have completed not less than two years of appropriate professional experience since graduation. In exceptional circumstances, applicants who do not meet these criteria may be considered for entry by the Postgraduate Committee on the basis of their previous professional and academic experience.

Course duration

The Master of Design is a one-and-a-half-year, full-time, or three-year, part-time course.

Course structure

To qualify for the Master of Design (by coursework), a student must achieve 72 credit points in not fewer than three semesters of study. Twenty-four credit points must be achieved from the project, i.e. by two semesters' successful work on an approved project program. Twenty-four credit points must be achieved from the core coursework subjects. The remaining 24 credit points must be achieved from an approved program of recommended and elective coursework subjects.

Each student is assisted by the Director of Postgraduate Design Program to develop a pattern of study best suited to their needs, made up of coursework and project work.

Course program

Core studies

Students must complete core subjects to the value of 24 credit points.

82901	Psychology of Design	4cp
82903	Technological Change	4cp
82905	Research Methods	4cp
82917	Information Retrieval	4cp
82918	Design Ethics	4cp
82919	Sustainable Design	4cp

Project

The design project is a program of an individual supervised research and/or design activity undertaken by each student, leading to the submission for assessment of an original body of work. A design project normally consists of four elements or phases – research, development, evaluation, and report.

Students must complete the project value of 24 credit points over two semesters part time, or one semester full time.

89917	Design Project (PT)	2x12cp
89918	Design Project (FT)	24cp

It is recommended that 12 credit points be achieved from the following subjects:

81020	Management Techniques and Design	4cp
81920	Marketing and Design	4cp
81025	Design History	4cp

The remaining 12 credit points can be achieved from elective postgraduate subjects:

General elective subjects

82902	Sociology of Design	4cp
82009	Human Factors and Design	4cp

Computer elective subjects

81024	Computer Graphics 1	4cp
81924	Computer Graphics 2	4cp
81031	Web Design	4cp

Advanced computer elective subjects

81032	Internet Design	4cp
81925	3D Computer Animation 1	4cp
81030	3D Computer Animation 2	4cp
81033	Multimedia 1	4cp
81034	Multimedia 2	4cp
81035	Digital Print Media 1	4cp
81036	Digital Print Media 2	4cp

Note: As elective subjects are offered in response to demand, not all subjects are available each semester.

ARCHITECTURE

While a Master of Architecture degree by coursework is available, it is run in parallel with the final two years (Years 5 and 6) of the combined Bachelor of Arts in Architecture and Bachelor of Architecture program. See pages 53–55 for details.

BUILDING

The Faculty's coursework postgraduate programs feature flexible and innovative attendance patterns, designed to suit busy practising professionals.

Attendance patterns range from part-time evening classes to full-time attendance of separate week-long or equivalent sessions or online study each week. This permits students to tailor study to their professional and personal lives and allows those living in the country, interstate or overseas to participate. Specific attendance dates are available from the Faculty Office.

The following regulations are to be read in conjunction with the University's Rules and By-law, as indicated in the *UTS: Calendar* and published online at:

www.uts.edu.au/div/publications/policies/index.html

Graded awards in Graduate Diploma courses

Graded awards in Graduate Diploma courses may be recommended by the Faculty Board for meritorious performance. Any such award is entirely within the discretion of the Faculty Board and the numeric calculation of level of performance is only one of the matters taken into consideration. The Faculty Board would not normally consider for graded awards any student who has not obtained the following numeric levels on the basis of a weighted average mark over the whole of the course:

- 75 and above – with Distinction
- 65 to less than 75 – with Credit.

Discontinuation of registration

The registration of a Graduate Certificate, Diploma or Master's candidate may be discontinued if the Faculty Board is dissatisfied with his or her progress.

Faculty Board may deem unsatisfactory progress to include the following:

- failure in any two subjects
- failure in a subject twice.

Graduate Certificate in Project Management

- ◆ UTS course code: C11005 (pre-2003: AB66)
- ◆ Testamur title: Graduate Certificate in Project Management
- ◆ Abbreviation: none
- ◆ Course fee: \$6,600 (local)
\$7,000 per semester (international)
- ◆ Total credit points: 24

Graduate Diploma in Project Management¹

- ◆ UTS course code: C07004 (pre-2003: AB65)
- ◆ Testamur title: Graduate Diploma in Project Management
- ◆ Abbreviation: GradDipPM
- ◆ Course fee: \$13,200 (local)
\$7,000 (international)
- ◆ Total credit points: 48

Master of Project Management

- ◆ UTS course code: C04006 (pre-2003: AB53)
- ◆ Testamur title: Master of Project Management
- ◆ Abbreviation: MPM
- ◆ Course fee: \$19,800 (local)
\$7,000 per semester (international)
- ◆ Total credit points: 72

Master of Business Administration (Project Management major)²

- ◆ UTS course code: C04014 (pre-2003: B056)
- ◆ Testamur title: Master of Business Administration
- ◆ Abbreviation: MBA
- ◆ Course fee: \$25,600 (local)
\$7,700 per semester (international)
- ◆ Total credit points: 96

The Project Management program is designed for graduates and experienced professionals who want to upgrade their qualifications and skills to service clients better and keep pace with employer expectations and industry

change. Project management attracts people with in-depth experience in many different fields and disciplines and is ideal for those seeking new or wider horizons of career opportunity.

The program provides a comprehensive grounding in both the underlying principles and practical aspects of project management and addresses the Australian National Competency Standards for Project Management and PMBOK Guide.

Delivered through coursework and workplace learning, the courses in the program focus on the project life cycle and key project management functions. Students also have opportunities to focus on specific project types and industries such as product development, IT, building and construction or organisational change.

Course aims

The aims of the Project Management program are to develop practitioners who can:

- understand and apply project management principles and techniques
- lead a group of specialist professionals engaged in the overall management, planning and control of projects across a wide range of industries, technologies and cultural settings
- appreciate the roles, manage and utilise the services of specialist consultants and contractors used in the project delivery process
- effectively lead and motivate individuals and project teams to realise stated organisational goals
- make balanced decisions, implement policies and find solutions on the basis of either complete or incomplete information
- identify options and utilise the benefits of circumstance or unexpected opportunity to deliver value
- establish clear guidelines for complex tasks/situations and facilitate completion no matter what problems arise
- satisfy economic, social, financial, legal, environmental and ethical requirements in all activities
- work within corporate, production, organisational and/or technological constraints, and

¹ This course is an exit point for students who do not wish to complete the Master's degree. Direct entry to this course is not available.

² Offered in conjunction with the Faculty of Business.

- evaluate completed projects and/or existing facilities and ensure information about lessons learnt is available for improvement of future projects and processes.

Admission requirements

To qualify for entry to the Graduate Certificate in Project Management, an applicant needs at least 10 years professional experience or a recognised professional qualification. To qualify for entry to the Master of Project Management, an applicant needs to hold a Bachelor's degree or complete the Graduate Certificate/Master's qualifying program, or have both 10 years relevant professional work experience and a recognised professional qualification. All applicants must have at least six months work experience. Applicants with a cognate four-year degree may be given up to 24 credit points advanced standing.

It is usual for graduates from whatever discipline to be accepted for enrolment. It should also be noted that the function of project management itself is such that substantial work experience can provide a sound basis for formal study. The Project Management program is thus designed for professional project managers who wish to build on their knowledge base but who may lack formal qualifications.

All students are expected to be proficient in English comprehension and expression. Applicants previously educated in a language other than English may be required to undertake an assessment as approved by the Academic Board.

Course duration

The Graduate Certificate is offered on a one-semester, full-time, or one-year, part-time basis.

The Master of Project Management is offered on a three-semester, full-time, or six-semester, part-time basis. The Faculty offers a Graduate Diploma in Project Management as an exit point for students who do not wish to go on to complete the Master's degree but who otherwise finish with 48 credit points. Direct entry to this course is not available.

The Master of Business Administration (Project Management major) is offered on a four semesters, full-time, or eight-semester, part-time basis.

Course structure

The program structure allows students a choice of entry requirements and study paths leading to the award of Graduate Certificate (24 credit points), Graduate Diploma (48 credit points), Master of Project Management (72 credit points), and Master of Business Administration (Project Management major) (96 credit points). Each stage is self contained and can be undertaken through part-time or full-time study.

Course program

Graduate Certificate in Project Management

The Graduate Certificate is delivered in face-to-face mode (on campus or off-shore in conjunction with selected education partners) and doubles as a Master of Project Management qualifying program and/or industry Short Course program. The content may be taken as a separate award or articulate to, and form part of, the Master's level study. However, the Graduate Certificate does not form the basis of advanced standing for the Master's degree unless students already hold a Bachelor's degree. The course comprises the following subjects:

15311	Project Management Context and Processes	6cp
15312	Project Management Competencies (Strategic)	6cp
15313	Project Management Competencies (Tactical)	6cp
15314	Project Management Competencies (Operational)	6cp

Notes:

1. Exemptions of up to 12 credit points may be given for subjects taken as industry Short Courses.
2. Evidence of competence in any units/project competency subjects not taken is required as a prerequisite to receive formal subject exemptions.
3. Students may also substitute up to 12 credit points of the Graduate Certificate in Project Management from the Graduate Certificate in Facility Management.

Master of Project Management¹

Choose 72 credit points from:

15311	Project Management Context and Processes	6cp
15312	Project Management Competencies (Strategic)	6cp
15313	Project Management Competencies (Tactical)	6cp
15314	Project Management Competencies (Operational)	6cp
15331	Project Portfolio and Program Management ²	12cp
15332	Strategic Project Management ²	12cp
15333	Managing Organisations by Project ²	12cp
15334	Project Performance Assessment ²	12cp
15451	Graduate Project	24cp

¹ Exemptions up to 24 credit points may be given for equivalent prior learning (excluding Master's qualifying program).

² These subjects are the discipline core and are compulsory for all students.

Graduate Diploma in Project Management

The Graduate Diploma is an exit point for students who do not go on to complete the Master of Project Management but who otherwise achieve 48 credit points. Direct entry into this course is not available. The course program is shown below:

Choose 48 credit points from the following:

15311	Project Management Context and Processes	6cp
15312	Project Management Competencies (Strategic)	6cp
15313	Project Management Competencies (Tactical)	6cp
15314	Project Management Competencies (Operational)	6cp
15331	Project Portfolio and Program Management	12cp
15332	Strategic Project Management	12cp
15333	Managing Organisations by Project	12cp
15334	Project Performance Assessment	12cp

MBA (Project Management major)

The Faculty of Business, in cooperation with the Faculty of Design, Architecture and Building, offers a version of the MBA for project managers. For further information, contact the Graduate School of Business on:

telephone (02) 9514 3660

email graduate.business@uts.edu.au

www.business.uts.edu.au/gsb

Business Administration core

21718	Organisation Analysis and Design	6cp
21813	Managing People	6cp
25706	Economics for Management	6cp
22747	Accounting for Managerial Decisions	6cp
24734	Marketing Management	6cp
25742	Financial Management	6cp
21720	Employment Relations ¹	6cp
21715	Strategic Management (Capstone)	6cp

Project Management specialisation

15331	Project Portfolio and Program Management ²	12cp
15332	Strategic Project Management ²	12cp
15333	Managing Organisations by Project ²	12cp
15334	Project Performance Assessment ²	12cp

¹ International students may take 21775 Comparative International Employment Relations as an alternative to this subject.

² Students may substitute with other subjects from the Master of Project Management course.

Notes:

1. Students articulating from the Master of Project Management to the MBA (Project Management major) receive exemptions for all the discipline specific subjects, and therefore only need to complete the business core units (48 credit points).
2. Students articulating between postgraduate awards, and wishing to receive both, must await formal graduation in the first before enrolment is permitted in the second. Otherwise students may transfer and commence Master's level study immediately.
3. Students may opt to take a Project Management sub-major by doing 24 credit points of Graduate Certificate subjects. Refer to the Faculty of Business handbook for more details.

Articulation and progression

Articulation from the Graduate Certificate to the Master of Project Management is allowed with the approval of the Director of Program provided students already hold a Bachelor's degree.

Graduate Certificate in Facility Management¹

- ◆ UTS course code: C11007 (pre-2003: AB72)
- ◆ Testamur title: Graduate Certificate in Facility Management
- ◆ Abbreviation: none
- ◆ Course fee: \$6,600 (local)
\$6,600 per semester (international)
- ◆ Total credit points: 24

Graduate Diploma in Facility Management^{1, 2}

- ◆ UTS course code: C06007 (pre-2003: AB70)
- ◆ Testamur title: Graduate Diploma in Facility Management
- ◆ Abbreviation: GradDipFM
- ◆ Course fee: \$13,200 (local)
\$6,600 per semester (international)
- ◆ Total credit points: 48

Master of Facility Management¹

- ◆ UTS course code: C04009 (pre-2003: AB59)
- ◆ Testamur title: Master of Building in Construction Economics
- ◆ Abbreviation: MFM
- ◆ Course fee: \$19,800 (local)
\$6,600 per semester (international full time)²
- ◆ Total credit points: 72

Master of Business Administration (Facility Management major)^{1, 3}

- ◆ UTS course code: C04014 (pre-2003: B056)
- ◆ Testamur title: Master of Business Administration
- ◆ Abbreviation: MBA
- ◆ Course fee: \$25,600 (local)
\$7,700 per semester (international)
- ◆ Total credit points: 96

¹ Internet delivery mode only.

² This course is an exit point for students who do not wish to complete the Master's degree. Direct entry to this course is not available.

³ Offered in conjunction with the Faculty of Business.

Facility Management (FM) is the fastest growing discipline in the construction and property industries. FM relates to the stewardship of existing facilities to enable effective operation, better business performance and higher levels of worker satisfaction and productivity. It demands a high level of technical knowledge, professional judgment and management skill. FM is recognised throughout the world as making an important contribution to the effective and sustainable operation of built assets and the organisational activities that function within them.

In one sense, FM is a fusion of development, design, construction and asset management functions and demands a breadth of education and training. It has become apparent in recent years that, to be effective, facility managers must deal with an increasing range of issues and challenges. Computer-aided facility management, strategic planning and environmental assessment are just a few of the new driving forces within the discipline.

Techniques like life-cost studies, value management and risk analysis have become critical tools in the search for more efficient built solutions. Once designed and constructed, an ongoing evaluation and optimisation process begins that must deal with new technological improvements, changes in standards and ordinances, more stringent environmental legislation, tighter budgetary constraints and a greater selection of business choices.

With the expansion of existing infrastructure and the demands for development to be sustainable, FM will be the construction-related profession of the new millennium.

Course aims

The aims of the Facility Management program are to develop practitioners who can:

- understand and apply facility management principles and techniques in practice
- lead a group of specialist professionals engaged in the overall management, planning and control of projects across a wide range of industries, technologies and cultural settings
- appreciate the roles, manage and utilise the services of specialist consultants and contractors employed in the project delivery process

- effectively lead and motivate individuals and project teams to realise stated organisational goals
- make balanced decisions, implement policies and find solutions on the basis of either complete or incomplete information
- identify options and utilise the benefits of circumstance or unexpected opportunity to deliver value
- establish clear guidelines for complex tasks/situations and facilitate completion no matter what problems arise
- satisfy economic, social, financial, legal, environmental and ethical requirements in all activities
- work within corporate, production, organisational and/or technological constraints, and
- evaluate completed projects and/or existing facilities and ensure information about lessons learnt is available for improvement of future projects/processes.

Admission requirements

To qualify for entry to the Graduate Certificate in Facility Management an applicant shall need at least 10 years professional work experience or a recognised professional qualification. An applicant wishing to progress to the Master's level must pass all requirements or otherwise satisfy competencies before being allowed to do so.

To qualify for entry to the Master of Facility Management, an applicant shall hold a Bachelor's degree, or complete the Graduate Certificate/Master's Qualifying program, or have both 10 years relevant professional work experience and a recognised professional qualification. All applicants must have at least six months work experience. Applicants with a cognate four-year degree may be given up to 24 credit points advanced standing.

Course duration

The Graduate Certificate is offered on a one-semester, full-time, or two-semester, part-time basis.

The Master's is offered on a three semester, full-time, or six semester, part-time basis. The Faculty offers a Graduate Diploma in Facility Management as an exit point for students who do not wish to complete the Master's degree

but who otherwise finish with 48 credit points. Direct entry to this course is not available.

The Master of Business Administration (Facility Management major) is offered on a four-semester, full-time, or eight-semester, part-time basis.

Course structure

Postgraduate courses in facility management are predominantly delivered in an electronic distance learning mode. Rather than conventional face-to-face discussions, content is conveyed through various technology formats including CD-ROM, software simulations, electronic slideshow presentations, online documents, email and video conferencing. The learning style is contemporary and engaging, highly portable and flexible. While some initial adjustment may be required, students soon enjoy learning via these media. Online photographs and private messages also help overcome the absence of conventional social interaction.

UTS uses UTS Online to link students together from around the world. An exclusive intranet is created for each course that enables public or private discussion and interaction among students and staff. Each course has online instructions relating to subject overview, resources, assessment and feedback. Although online help is available, it is rarely needed as the software is both intuitive and user-friendly.

Electronic delivery is well suited to postgraduate education where the participants are mature-age learners, self-motivated and with complex family and work commitments. What may be lost through distance is more than gained through cultural interchange and exposure to the global industry scene.

The Internet-delivered courses create a simulated classroom environment that enables students to communicate easily with their academic instructors and their classmates, submit work electronically and receive prompt feedback. An electronic discussion list enables students to converse with others in the group at a time and from a location suitable to them.

Students 'mix' electronically with their classmates, some of whom are local and others from a number of different countries throughout the world. Students complete some parts of their course individually and some parts in groups.

Virtual study groups are established to enable review, discussion and critique processes. All student work is circulated to the group and collectively forms a substantial knowledge base for the courses.

The business core units employ a varied combination of assessment. The emphasis is on demonstration of competence in each of the eight component subjects. Classes for part-time students are organised in evenings, although flexible study options are increasingly being developed. The core units are available offshore in some cases.

Extensive notes are provided on CD-ROM covering all of the Internet-based subjects. Content is communicated in a variety of interesting ways that support online searching, bookmarking and text-selection techniques. Over A\$20,000 of proprietary software is contained on the CD-ROM and provided free for educational purposes. Essential textbooks (one per subject) are included in the tuition fees and posted to students along with other course resources.

UTS has state-of-the-art video conferencing facilities that enable tutorials and workshops to be conducted remotely. Students can participate actively through ISDN links or passively through Internet broadcasts. More conventional tools like teleconferencing and facsimile can also be used as appropriate.

The UTS Library has a range of electronic resources available for offshore students. These include online databases for literature searches and downloadable documents that can be accessed and printed on demand. Despite the increasing wealth of electronic resources, access to a university-standard library in-country is still important.

Course program

Graduate Certificate in Facility Management (24cp)

The Graduate Certificate course is delivered in Internet (off-campus) mode with optional face-to-face workshops, and acts as a post-graduate qualifying program and industry Short Course program. The content may be taken as a separate award or form part of the study towards a Master's degree. It comprises the following subjects:

15321	Workplace Ecology	6cp
15322	Engineering Services and Systems	6cp
15323	Development Management	6cp
15324	Facility Obsolescence	6cp

Notes:

Content acts as a Master's qualifying program, but does not form the basis for advanced standing in the Master of Facility Management unless students already hold a Bachelor's degree.

1. Exemptions of up to 12 credit points may be given for subjects taken as a Short Course.
2. Evidence of competence in any units or subjects not taken is required as a prerequisite to receive formal subject exemptions.
3. Students may substitute up to 12 credit points of the Graduate Certificate in Facility Management from the Graduate Certificate in Project Management.

Master of Facility Management (72cp)¹

The Master of Facility Management is delivered worldwide in an electronic (off-campus) mode with optional videoconference workshops, and requires completion of 72 credit points from the following subjects:

15321	Workplace Ecology	6cp
15322	Engineering Services and Systems	6cp
15323	Development Management	6cp
15324	Facility Obsolescence	6cp
15341	Sustainable Development ²	12cp
15342	Environmental Design ²	12cp
15343	Strategic Facility Planning ²	12cp
15344	Facility Performance ²	12cp
15451	Graduate Project	24cp

¹ Exemptions up to 24 credit points may be given for equivalent prior learning (excluding Master's qualifying). Successful applicants without a Bachelor's degree have to do the Master's qualifying program (24cp).

² These subjects are the discipline core and are compulsory for all students.

Graduate Diploma in Facility Management (48cp)

The Graduate Diploma in Facility Management is an exit point for students who do not go on to complete the Master's degree but who otherwise finish with 48 credit points. Direct entry into this course is not available.

15321	Workplace Ecology	6cp
15322	Engineering Services and Systems	6cp
15323	Development Management	6cp
15324	Facility Obsolescence	6cp
15341	Sustainable Development	12cp
15342	Environmental Design	12cp
15343	Strategic Facility Planning	12cp
15344	Facility Performance	12cp

Notes:

1. Students will be permitted to enrol in equivalent subjects at other institutions, up to a maximum of 24 credit points, and receive corresponding exemptions in this course.
2. Practitioners who successfully complete Short Course units offered by UTS or partner institutions will be given appropriate credit in corresponding subjects of the Master's degree.
3. Other program variations are permitted with approval of the Director of Program.

Master of Business Administration (Facility Management major)

This course comprises 96 credit points of postgraduate education delivered in a combination of on-campus (face-to-face) and off-campus (Internet) modes. Entry points are March and August each year. Attendance at UTS is required for the business core units, but these may be exempted where previous postgraduate qualifications in business administration are held.

Business Administration core

21718	Organisation Analysis and Design	6cp
21813	Managing People	6cp
25706	Economics for Management	6cp
22747	Accounting for Managerial Decisions	6cp
24734	Marketing Management	6cp
25742	Financial Management	6cp
21720	Employment Relations ¹	6cp
21715	Strategic Management (Capstone)	6cp

¹ International students may take 21775 Comparative International Employment Relations as an alternative to this subject.

Facility Management specialisation

15341	Sustainable Development ¹	12cp
15342	Environmental Design ¹	12cp
15343	Strategic Facility Planning ¹	12cp
15344	Facility Performance ¹	12cp

¹ May be substituted with other subjects from the Master of Facility Management degree.

Notes:

1. Students articulating from the Master of Facility Management to the MBA majoring in Facility Management will receive exemptions for all the discipline-specific subjects, and therefore only need to complete the business core units (48 cp).
2. Students articulating between postgraduate awards, and wishing to receive both, must await formal graduation in the first before enrolment is permitted in the second. Otherwise, students may transfer and commence Master's level study immediately.
3. Students may opt to take a Facility Management sub-major by doing 24 credit points of Graduate Certificate subjects. Refer to the Faculty of Business Handbook for more details.

Articulation and progression

Articulation from the Graduate Certificate to the Master of Facility Management is permitted with the approval of the Director of Program provided students already hold a Bachelor's degree.

PROPERTY

The Faculty's coursework postgraduate programs feature flexible and innovative attendance patterns, designed to suit busy practising professionals.

Attendance patterns range from part-time evening classes to full-time attendance of separate week-long or equivalent sessions (i.e. attendance over five consecutive days or two-and-a-half days on a given week, two-and-a-half days on another). This permits students to tailor study to their professional and personal lives and allows those living in the country, interstate or overseas to participate. Specific attendance dates are available from the Faculty Office.

The following regulations are to be read in conjunction with the University's Rules and By-law, as indicated in the *UTS: Calendar* and published online at:

www.uts.edu.au/div/publications/policies/index.html

Graded awards in Graduate Diploma courses

Graded awards in Graduate Diploma courses (except for the Graduate Diploma in Planning) may be recommended by the Faculty Board for meritorious performance. Any such award is entirely within the discretion of the Faculty Board and the numeric calculation of level of performance is only one of the matters taken into consideration. The Faculty Board would not normally consider for graded awards any student who has not obtained the following numeric levels on the basis of a weighted average mark over the whole of the course:

- 75 and above – with Distinction
- 65 to less than 75 – with Credit.

Discontinuation of registration

The registration of a Graduate Certificate, Diploma or Master's candidate may be discontinued if the Faculty Board is dissatisfied with his or her progress.

Faculty Board may deem unsatisfactory progress to include the following:

- failure in any two subjects
- failure in a subject twice.

Graduate Certificate in Urban Estate Management¹

- ◆ UTS course code: C11004 (pre-2003: AB64)
- ◆ Testamur title: Graduate Certificate in Urban Estate Management
- ◆ Abbreviation: none
- ◆ Course fee: \$5,400 (local)²
- ◆ Total credit points: 24

Graduate Diploma in Urban Estate Management¹

- ◆ UTS course code: C06006 (pre-2003: AB52)
- ◆ Testamur title: Graduate Diploma in Urban Estate Management
- ◆ Abbreviation: GradDipUEstM
- ◆ Course fee: \$10,800 (local)
\$7,000 per semester (international)
- ◆ Total credit points: 48

Master of Business Administration (Urban Estate Management major)¹

- ◆ UTS course code: C04014 (pre-2003: B056)
- ◆ Testamur title: Master of Business Administration
- ◆ Abbreviation: MBA
- ◆ Course fee: \$25,600 (local)
\$7,700 per semester (international)
- ◆ Total credit points: 96

(Offered in conjunction with the Faculty of Business)

Course aims

Property is an exciting and challenging field that has become increasingly complex and professional over the last 20 years. The Urban Estate Management program is designed to provide:

- valuers, real estate practitioners, property managers and other property practitioners with opportunities to enhance and extend their qualifications and expertise in the field, and

¹ Course structure subject to change in 2003. See the Faculty for details or online at:

www.uts.edu.au/div/publications/dab/index.html

² This course is not offered to international students.

- graduates in other fields such as architects, builders, planners, engineers, quantity surveyors, lawyers, project managers, economists and financiers with the opportunity to extend their professional qualifications and their understanding of property development and investment issues and techniques.

Expected outcomes of the program for students are as follows:

- understanding of the social, environmental, political, economic, managerial, legal and physical systems which contribute collectively to the effective management and development of property assets
- ability to initiate and/or create proposals for the development of property and, as part of this process, satisfy economic, social, financial, legal, planning and building constraints
- ability to determine the needs of the client organisation
- ability to establish an appropriate management structure, in order to allow the development to be completed as efficiently as possible
- ability to monitor the development process ensuring that all consultants, the project manager and contractors satisfy the client needs
- ability to estimate the social costs and benefits of development and, with community acceptance of this ability, to manage a property investment portfolio in order to provide an adequate return to the owner
- ability to satisfy the needs of tenants
- ability to protect, maintain, develop and enhance the urban environment, and
- development of a keen appreciation of the professional ethic which emphasises responsibility and responsiveness to the community to initiate and/or create proposals for the development of property.

Admission requirements

The Graduate Certificate in Urban Estate Management is for applicants who have good practical experience but may lack the professional qualifications or academic entry requirements for the Diploma. Applicants are assessed on their individual merits. On completion of the Certificate, articulation with the Graduate Diploma in Urban Estate

Management or the Master of Property Development (see page 111) is possible.

To qualify for entry to the Graduate Diploma in Urban Estate Management an applicant shall hold a Bachelor's degree or a Diploma in Technology; or possess an equivalent qualification; or submit other evidence of general and professional qualifications which demonstrate the applicant's educational preparation and capacity to pursue graduate studies.

For both the Graduate Certificate and Diploma programs, all non-degree qualified applicants seeking admission are required to satisfy a Faculty panel that their experience is equal to the rigorous requirements of the course at whichever level they seek to enter.

New applicants are considered for entry to the program in both Autumn and Spring semesters.

Course duration

The Graduate Certificate in Urban Estate Management is a one-year, part-time, full-fee-paying course. The Graduate Diploma in Urban Estate Management is a two-year, part-time, or one-year, full-time, full fee-paying course.

Course structure

Students in the Graduate Certificate must achieve 24 credit points of core program subjects. With the approval of the Director of Program, students may substitute one subject with any other postgraduate property subject. Students in the Graduate Diploma must achieve a total of 48 credit points comprising 24 credit points of core program subjects and 24 credit points from the list of Graduate Diploma elective subjects. With the approval of the Director of Program, students may substitute one subject with any other postgraduate property subject.

All subjects are provided by the Faculty. Not all subjects are offered in each year and availability depends upon viable subject enrolments.

Core program subjects

12511	Building Technology and Regulation	6cp
12518	Property Transactions	6cp
17701	Environment and Control	6cp
12525	Property Analysis 1	6cp

Graduate Diploma elective subjects

12535	Property Analysis 2	6cp
12515	Property Life Cycle	6cp
125240	Introduction to Property Development	6cp
12550	UEM Project	6cp
171200	Heritage and Development (Extended)	6cp
17122	Environmentally Sustainable Development	6cp
15241	Urban Economics and Infrastructure	6cp

MBA (Urban Estate Management major)

The Faculty of Business in cooperation with the Faculty of Design, Architecture and Building, offers a version of the MBA incorporating a major in Urban Estate Management. For further information, contact the Graduate School of Business on:

telephone (02) 9514 3660
 email graduate.business@uts.edu.au
www.business.uts.edu.au/gsb

Business Administration core

21718	Organisation Analysis and Design	6cp
21813	Managing People	6cp
25706	Economics for Management	6cp
22747	Accounting for Managerial Decisions	6cp
24734	Marketing Management	6cp
25742	Financial Management	6cp
21720	Employment Relations ¹	6cp
21715	Strategic Management (Capstone)	6cp

¹ International students may take 21775 Comparative International Employment Relations as an alternative to this subject.

Urban Estate Management specialisation

Students undertaking the major must achieve 48 credit points from the subjects listed below. Not all subjects are offered each year and availability depends on viable subject enrolments.

17701	Environment and Control	6cp
12511	Building Technology and Regulation	6cp
12525	Property Analysis 1	6cp
12518	Property Transactions	6cp
12535	Property Analysis 2	6cp
12515	Property Life Cycle	6cp
125240	Introduction to Property Development	6cp
171200	Heritage and Development (Extended)	6cp
17122	Environmentally Sustainable Development	6cp

Note: Students may take an Urban Estate Management sub-major by doing 24 credit points of Graduate Certificate subjects. Refer to the Faculty of Business handbook for more details.

Graduate Certificate in Planning

- ◆ UTS course code: C11001 [pre-2003: AB60]
- ◆ Testamur title: Graduate Certificate in Planning
- ◆ Abbreviation: none
- ◆ Course fee: \$5,400 (local)¹
- ◆ Total credit points: 24

Graduate Diploma in Planning

- ◆ UTS course code: C07002 [pre-2003: AB55]
- ◆ Testamur title: Graduate Diploma in Planning
- ◆ Abbreviation: GradDipPlan
- ◆ Course fee: \$10,080 (local)¹
- ◆ Total credit points: 48

Master of Planning

- ◆ UTS course code: C04007 [pre-2003: AB56]
- ◆ Testamur title: Master of Planning
- ◆ Abbreviation: MPlan
- ◆ Course fee: \$16,200 (local) \$4,950 per semester (international)
- ◆ Total credit points: 72

The Planning courses are designed to meet the needs of professionals in the many different aspects of urban development, including planners, architects, engineers, social planners, lawyers, environmental professionals, and those involved in finance, investment and development.

Course aims

The courses concentrate on the relationship between knowledge and action, and focus on the processes by which development takes place, and seek to improve the quality of the physical planning and development control which form an integral part of those processes. The courses cover the following topics: the major social and environmental issues of cities and regions; the economics and the practicalities of how development takes place; the processes of statutory planning and development control as subjects of academic inquiry; and planning decisions and their influence on costs, function, feasibility, building form and aesthetics. The courses adopt an integrated,

¹ This course is not offered to international students.

progressive, skills-based, experiential learning approach and provide practical experience of innovative planning techniques.

The aims of the courses are met by a significant component, which emulates planning practice. This is feasible if the students have had relevant work experience since gaining an appropriate first degree, if they work in a related area, and if the attendance pattern provides for periods of intensive interaction in lectures, seminars and group project work.

The core intellectual focus and central integrating activity is provided by the Planning Project. The four subjects consist primarily of a continuing major planning project. The other subjects have been structured to provide knowledge, context, concepts and techniques which can be applied in the project work.

Recognising sustainable outcomes

The sustainability agenda and concerns regarding sustainable development have been considered to offer a new vision for planning and a renewed direction for the planning profession. The coordination of land use activities and infrastructure represents an essential tool to achieve sustainable development. By providing students with an understanding of sustainable decision-making in land use and infrastructure coordination, design, development and management, the planning courses enable an improved understanding of what brings about sustainable urban outcomes.

The courses recognise that planning for sustainable development demands a continuous process of meticulous scrutiny, review, monitoring and action. Planners (and indeed stakeholders) now need to identify and analyse the linkage between plans, implementation efforts and the sustainability of outcomes. The accumulation of knowledge, competencies and values in sustainable planning, experiential learning opportunities and exposure to practical skills development through the delivery and assessment of course subjects, develops an appreciation of the selection and assessment of appropriate development options and for delivering inter and intra generational equity.

Admission requirements

To be eligible for entry, an applicant should possess an appropriate first degree and at least two years' relevant experience. Appropriate first degrees include a Bachelor's degree in planning, architecture, geography, economics, property economics, commerce, law, engineering and building. Other qualifications may be accepted if supported by extensive relevant work experience. Work experience is relevant if it includes the holding of a responsible position related to the planning or administration of land, or the design, financing, regulation, construction or management of buildings or infrastructure.

Course duration

The Graduate Certificate in Planning is offered as a one-year, part-time terminating course, articulating into the second year of the Graduate Diploma in Planning.

The Graduate Diploma in Planning is offered as a two-year, part-time terminating course.

The Master of Planning is offered as a two-year, full-time or three-year, part-time course. Students enrolled part-time complete the Graduate Diploma requirements in the first two years.

Course structure

The Graduate Certificate in Planning requires the completion of subjects totalling 24 credit points, by attending four week-long sessions over one year.

The Graduate Diploma in Planning requires the completion of subjects totalling 48 credit points, by attending eight week-long sessions over two years.

The Master of Planning requires the completion of 72 credit points. In the three-year part-time program students attend 10 week-long sessions in the first two-and-a-half years and the equivalent of two weeks in the last half year. Full-time students attend six week-long sessions in each year of the two years of the program in conjunction with part-time students. Between attendance weeks they may attend additional classes and seminars.

Course program

Graduate Certificate in Planning (part time)

Autumn semester

15121	Planning Project Analysis	6cp
15111	Urban Analysis	6cp

Spring semester

15141	Planning Project Visioning	6cp
15131	Sustainable Development	6cp

Graduate Diploma in Planning (part time)

Year 1

Autumn semester

15121	Planning Project Analysis	6cp
15111	Urban Analysis	6cp

Spring semester

15141	Planning Project Visioning	6cp
15131	Sustainable Development	6cp

Year 2

Autumn semester

15211	Planning Project Development Assessment	6cp
15221	Urban Design and Management	6cp

Spring semester

15231	Planning Project Implementation	6cp
15241	Urban Economics and Infrastructure	6cp

Master of Planning (part time)

Year 1

Autumn semester

15121	Planning Project Analysis	6cp
15111	Urban Analysis	6cp

Spring semester

15141	Planning Project Visioning	6cp
15131	Sustainable Development	6cp

Year 2

Autumn semester

15211	Planning Project Development Assessment	6cp
15221	Urban Design and Management	6cp

Spring semester

15231	Planning Project Implementation	6cp
15241	Urban Economics and Infrastructure	6cp

Year 3

Autumn semester

15301	Advanced Planning Theory and Practice	6cp
15302	Planning Problem-solving Methods	6cp

Spring semester

15303	Planning Problem-solving Analysis	6cp
15304	Planning Problem-solving Outcomes	6cp

Master of Planning (full time)

Year 1

Autumn semester

15121	Planning Project Analysis	6cp
15111	Urban Analysis	6cp
15301	Advanced Planning Theory and Practice	6cp

Spring semester

15141	Planning Project Visioning	6cp
15131	Sustainable Development	6cp
15302	Planning Problem-solving Methods	6cp

Year 2

Autumn semester

15211	Planning Project Development Assessment	6cp
15221	Urban Design and Management	6cp
15303	Planning Problem-solving Analysis	6cp

Spring semester

15231	Planning Project Implementation	6cp
15241	Urban Economics and Infrastructure	6cp
15304	Planning Problem-solving Outcomes	6cp

Professional recognition

The Master of Planning has been accredited by the Australian Institute of Planning. It meets the educational requirements for corporate membership of the Institute.

Master of Property Development^{1,2}

- ◆ UTS course code: C04008 (pre-2003: AB58)
- ◆ Testamur title: Master of Property Development
- ◆ Abbreviation: MPropDev
- ◆ Course fee: \$10,800 (local)
\$6,600 per semester (international)
- ◆ Total credit points: 48

Master of Business Administration (Property Development major)¹

- ◆ UTS course code: C04014 (pre-2003: B056)
- ◆ Testamur title: Master of Business Administration
- ◆ Abbreviation: MBA
- ◆ Course fee: \$25,600 (local)
\$7,700 per semester (international)
- ◆ Total credit points: 96

(Offered in conjunction with the Faculty of Business)

Course aims

The main focus of the Master of Property Development is the dynamic growth of the property and construction industry in Australia and the Asian region.

This course aims to provide a thorough and advanced grounding in all aspects of the property process, markets and institutions, and prepares students for employment in the property industry by developing the skills and analytical techniques necessary to work as researchers, analysts, managers and consultants.

The Master of Property Development enables students to study matters relating to the property field, with the purpose of adding depth to their professional activity and minimising the cost to society in general and to clients in particular.

¹ Course structure subject to change in 2003. See the Faculty for details or online at:

www.uts.edu.au/div/publications/dab/index.html

² This course may be offered offshore in 2003.

Admission requirements

Admission to the course is assessed on merit, given that a Bachelor's degree in a property-related discipline is a prerequisite qualification.

Applicants also need to demonstrate a minimum of three years' experience in the property field.

Course duration

The Master of Property Development is offered on a two-year, part-time, or one-year, full-time basis.

Course structure

The Master of Property Development requires the completion of 48 credit points comprising 12 credit points of compulsory subjects, 12 credit points of core program subjects, and a further 24 credit points which may include an optional Research Project as well as subjects from any other postgraduate Property course, the selection of which must be approved by the Director of Program. All subjects are provided by the Faculty. Not all subjects are offered in each year and availability depends upon viable subject enrolments.

Course program

Compulsory subjects

17704	Property Development Finance	6cp
17518	Advanced Property Development	6cp

Core program subjects

Choose 12 credit points from the following subjects:

17701	Environment and Control	6cp
17519	Property Research Methods	6cp
17705	Contemporary Issues in Property	6cp
17703	Property Taxation	6cp
12535	Property Analysis 2	6cp
17121	Native Title	6cp

Optional Research Project

17706	Research Project – Master in Property Development	18cp
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MBA (Property Development major)

The Faculty of Business, in cooperation with the Faculty of Design, Architecture and Building, offers a version of the MBA for property developers. For further information, contact the Graduate School of Business on:

telephone (02) 9514 3660

email graduate.business@uts.edu.au

www.business.uts.edu.au/gsb

Business Administration core

21718	Organisation Analysis and Design	6cp
21813	Managing People	6cp
25706	Economics for Management	6cp
22747	Accounting for Managerial Decisions	6cp
24734	Marketing Management	6cp
25742	Financial Management	6cp
21720	Employment Relations ¹	6cp
21715	Strategic Management (Capstone)	6cp

¹ International students may undertake 21775 Comparative International Employment Relations as an alternative to this subject.

Property Development specialisation

Work experience is required for all subjects in this major.

17701	Environment and Control	6cp
17703	Property Taxation	6cp
17704	Property Development Finance	6cp
17517	Research Methodology	6cp
17705	Contemporary Issues in Property	6cp
17706	Research Project – Master of Property Development	18cp

Notes:

1. Students articulating from the Master of Property Development to the MBA majoring in Property Development receive exemptions for all the discipline specific subjects, and therefore must only complete the business core units (48 credit points).
2. Students articulating between postgraduate awards, and wishing to receive both, must await formal graduation in the first before enrolment is permitted in the second. Otherwise, students may transfer and commence Master's level study immediately.

RESEARCH DEGREES

The Faculty of Design, Architecture and Building offers PhD, Professional Doctorates and Master's programs by research and thesis in areas that relate to discipline strengths of the Faculty.

Admission requirements

Intending local applicants should visit the website at:

www.dab.uts.edu.au/research/index.html

or contact the Faculty directly on telephone (02) 9514 8080 for research degree information including the Faculty's research strengths and assistance in completing an application. Information on fees, scholarships and support services can be found on the University Graduate School website at:

www.gradschool.uts.edu.au

International applicants should visit the UTS International Programs Office (IPO) website at:

www.ipos.uts.edu.au

or

telephone +61 2 9514 1531

Applications may be lodged at any time of the year with start dates subject to advice.

Doctor of Philosophy

- ◆ UTS course code: C02001 (pre-2003: A051)
 - ◆ Testamur title: Doctor of Philosophy
 - ◆ Abbreviation: PhD
 - ◆ Course fee: see note (local)
\$7,000 per semester (international)
-

The PhD is a University-wide degree which involves an intense period of supervised study and research, culminating in the submission of a thesis. The degree is awarded to candidates who, through original investigation, make a distinct and significant contribution to knowledge in their field of specialisation.

To qualify for admission to a Doctoral degree program, applicants should possess a Bachelor's degree with First Class Honours, Division 1, and experience in research or a research Master's degree from UTS, or equivalent.

The PhD applicant's proposed area of research should be within one of the disciplinary and supervisory areas of the Faculty. Applicants may wish to discuss in detail their proposals with the Associate Dean, Research, or nominee.

In submitting an application, applicants should include an outline of their research proposal, detailing the aims, objectives, methodology and required resources/facilities.

During the period of enrolment, candidates are supervised by appropriate academic staff members appointed by the Faculty. Candidates are required to present papers on their thesis topic at Faculty postgraduate seminars annually. Candidates are also invited to participate in other research activities occurring in the Faculty.

Note: Research degrees are offered on a sponsored, scholarship, faculty part-sponsored, or full-fee paying basis. Students should contact the Faculty or the University Graduate School for further details. There are, however, students service fees to be paid (see Fees and costs, page 12).

Doctor of Facility Management

- ◆ UTS course code: C02006 (pre-2003: AB74)
- ◆ Testamur title: Doctor of Facility Management
- ◆ Abbreviation: DFM
- ◆ Course fee: \$39,600¹ (local)
\$6,600 per semester (international)
- ◆ Total credit points: 144

Overview

Facility management is a diverse range of practices that aim to align infrastructure with core business goals. The Facility Management courses are designed for graduates and experienced professionals who want to take a more strategic role in the development and operation of built assets in a context of sustainable design, productivity, risk minimisation, quality enhancement and value maximisation.

Courses in Facility Management are predominantly delivered in an electronic distance learning mode. Rather than the conventional face-to-face discussions, content is conveyed through various technology formats, including CD-ROM, software simulations, electronic slideshow presentations, online documents, email and video conferencing. The research component comprises regular face-to-face meetings with the allocated supervisor.

Course aims

The professional doctorate in Facility Management is characterised not only by research directed at specific industry problems, but by the formation of alliances with leading academics, and the ability to undertake both research and coursework off-campus. An international panel of industrial supervisors is used to mentor students in key locations worldwide, and it is expected that such an eminent group will encourage course applications from senior practitioners who wish to learn from recognised experts in their discipline.

¹ The whole cost of the program is based on completion in six semesters, however students can take a maximum of eight semesters to complete the program at greater cost.

Advanced standing

Suitably qualified applicants may be given up to 36 credit points advanced standing in coursework.

Attendance

The Doctor of Facility Management is delivered in an electronic mode (off-campus in conjunction with selected education partners). Coursework comprises 48 credit points of advanced discipline study that is selected and tailored according to a student's previous formal knowledge and experience. Coursework normally includes instruction in research skills, methodology formulation and analysis techniques in the first semester.

Course duration

The Doctor of Facility Management is offered on a six-semester, full-time, or part-time equivalent basis. It comprises one-third coursework and two-thirds research thesis.

Course structure

The course comprises completion of 144 credit points from the following subject list:

15452	Research Methodology ¹	12cp
15341	Sustainable Development ¹	12cp
15342	Environmental Design ¹	12cp
15343	Strategic Facility Planning ¹	12cp
15344	Facility Performance ¹	12cp
15453	PFM Thesis	96cp

¹ May be substituted with other subjects of equal scope offered by offshore institutions.

Doctor of Project Management

- ◆ UTS course code: C02005 (pre-2003: AB73)
- ◆ Testamur title: Doctor of Project Management
- ◆ Abbreviation: DPM
- ◆ Course fee: \$39,600¹ (local)
\$6,600 per semester (international)
- ◆ Total credit points: 144

Overview

Project Management is a powerful method for bringing complex and multiple tasks to successful completion. The Project Management courses are designed for graduates and experienced professionals who want to upgrade their qualifications and skills to service clients better and keep pace with employer expectations and industry change. Project management attracts people with in-depth experience in many different fields and disciplines and is ideal for those seeking new or wider horizons of career opportunity.

This course provides a comprehensive grounding in both the underlying principles and practical aspects of project management and addresses the Australian National Competency Standards for Project Management and PMBOK Guide. Delivered through coursework, workplace learning and research, the course focuses on the project life cycle and key project management functions. Students have opportunities to focus on specific project types and industries such as product development, IT, building and construction or organisational change.

Course aims

The professional doctorate in Project Management is characterised not only by research directed at specific industry problems, but by the formation of alliances with leading academics, and the ability to undertake both research and coursework off-campus. An international panel of industrial supervisors is used to mentor students in key locations worldwide, and it is expected that such an eminent group will encourage course applications from senior practitioners who wish to learn from recognised experts in their discipline.

¹ The whole cost of the program is based on completion in six semesters, however students can take a maximum of eight semesters to complete the program at greater cost.

Advanced standing

Suitably qualified applicants may be given up to 36 credit points advanced standing in coursework.

Attendance

Each subject involves block attendance on campus of nominally eight days' duration. Prior to this period there are preparatory tasks supported by online resources and participation, and following this period students are required to complete individual assessment tasks, again using online support from teaching staff. The research component comprises regular face-to-face meetings with the allocated supervisor.

Course duration

The Doctor of Project Management is offered on a six-semester, full-time, or part-time equivalent basis. It comprises one-third coursework and two-thirds research thesis.

Course structure

The course comprises completion of 144 credit points from the following subject list:

15452	Research Methodology ¹	12cp
15331	Project Portfolio and Program Management ¹	12cp
15332	Strategic Project Management ¹	12cp
15333	Managing Organisations by Project ¹	12cp
15334	Project Performance Assessment ¹	12cp
15453	PFM Thesis	96cp

¹ May be substituted with other subjects of equal scope offered by offshore institutions.

Doctor of Architecture

- ◆ UTS course code: C02003 (pre-2003: AA54)
 - ◆ Testamur title: Doctor of Architecture
 - ◆ Abbreviation: DArch
 - ◆ Course fee: see note (local)
\$7,000 per semester (international)
-

The Doctor of Architecture program is intended to enable architects whose work is made public by construction, rather than in print, to receive academic recognition for their work when substantiated by a theoretical discourse at a doctoral level.

Note: Research degrees are offered on a sponsored, scholarship, faculty part-sponsored, or full-fee paying basis. Students should contact the Faculty or the University Graduate School for further details. There are, however, students service fees to be paid (see Fees and costs, page 12).

Master of Architecture (by thesis)

- ◆ UTS course code: C03001 (pre-2003: AA51)
 - ◆ Testamur title: Master of Architecture
 - ◆ Abbreviation: MArch
 - ◆ Course fee: see note (local)
\$7,000 per semester (international)
-

Master of Applied Science (by thesis)

- ◆ UTS course code: C03002 (pre-2003: AB51)
 - ◆ Testamur title: Master of Applied Science
 - ◆ Abbreviation: MAppSc
 - ◆ Course fee: see note (local)
\$7,000 per semester (international)
-

Master of Design (by thesis)

- ◆ UTS course code: C03012 (pre-2003: D058)
 - ◆ Testamur title: Master of Design
 - ◆ Abbreviation: MDesign
 - ◆ Course fee: see note (local)
\$7,000 per semester (international)
-

A limited number of places are offered each year to suitably qualified students to follow a program of study leading to one of the above awards. These degrees are for graduates seeking to extend and deepen their knowledge by undertaking an appropriate research investigation under professional supervision by academic staff of the Faculty.

Course duration

The minimum duration for a Master's degree (by thesis) is two-years, full-time, or three-years, part-time.

Course structure

The requirement of the degree is the preparation of a thesis which is judged by its examiners to be a distinct contribution to the knowledge of the subject. The format of the body of work and the length of the written dissertation is determined after discussion

Note: Research degrees are offered on a sponsored, scholarship, faculty part-sponsored, or full-fee paying basis. Students should contact the Faculty or the University Graduate School for further details. There are, however, students service fees to be paid (see Fees and costs, page 12).

with Faculty staff and must be approved by the Graduate Studies Committee.

Candidates may be required in the first instance to undertake coursework subjects in research methodology, to gain exposure to and experience with research methods and skills. They are required to present papers, which form part of the preparation of their thesis, at the Faculty Postgraduate Seminars.

Other information

Applicants for all of the above courses are advised to consult the *UTS: Calendar* for details relating to eligibility for admission, submission of thesis, etc. Information may also be obtained from the University Graduate School.

SUBJECT DESCRIPTIONS

SUBJECTS OFFERED BY DESIGN, ARCHITECTURE AND BUILDING

11911

Architectural Design 1

17cp

Undergraduate

Semester offered: Full year – Autumn enrolment

Offered at: City campus

The subject Architectural Design is devoted both to the study of design, as an intellectual/academic discipline, and to the practice of designing, as a professional/practical discipline. In each year of the program, key issues are addressed both through formal lectures and by means of practical project-based programs which seek to integrate with design practice the intellectual/academic work from other subject areas within the course. This integration of design and technology with theory studies is the primary objective of the subject Architectural Design and is accomplished through work on project-based design programs. Such programs vary in size and content, from individual, specifically focused exercises to more 'complete' projects, and are calibrated for increased complexity and difficulty throughout the course. In all stages of the design program there is a determination to demonstrate the relevance of linking theoretical studies and applied knowledge in critical assessments.

While the mode of delivery for the above is through project-based design exercises and projects, the traditional model of the studio – as the central or 'core' activity of architectural education, as a simulation of architectural practice, and as a locus of individual tuition based on the master/pupil model – can no longer be maintained. Rather, project-based exercises are structured around interactive small group tutorial sessions involving approximately 15 to 20 students, under the direction of a variety of tutors, and with the specific subject content of each project being introduced by a series of lectures and papers. All design projects are timetabled to show how this method of delivery is to operate; to

emphasise the integration of specific content from other subject areas within the program; and to offer specific requirements and criteria for successful fulfilment of the program. In addition, the use of computer models as specific design aids is stressed.

Components

Projects 1, Weighting: 0.6

This component is an introduction to the concept of design as an activity which is fundamental to the making of habitable space. This involves developing an elementary understanding of the role of enclosed spaces, climate and materials in providing shelter, from the scale required by the individual to that of the group.

Architectural Computing 1, Weighting: 0.2

The use of the computer is studied in this component as a tool to aid communication in all spheres of design. This component covers the following topics: basic CAD 2D, word processing and spreadsheet; application of Archi-CAD and 3D modelling; application of specific programs as design aids and tools of analysis; introduction to basic environmental modelling.

Architectural Graphics, Weighting: 0.1

This component is an introduction to the following: freehand drawing and graphic techniques; architectural drafting; projections and perspective; computer graphics.

Architectural Model Making, Weighting: 0.1

This component introduces students to elementary physical model making to show the construction and assemblage of buildings. Students make models of landscape and buildings in their setting.

Note: In order that students may be certified to use the Faculty Workshop facilities, all Year 1 students are required to undertake a training course of approximately 10 hours' duration, under the direction of the Workshop Manager.

11912**Technology 1**

13cp

Undergraduate

Semester offered: Full year – Autumn enrolment

Offered at: City campus

Central to an understanding of architecture and its technology is an appreciation of the relationship of construction to structure and to the technical servicing of buildings. This understanding is developed through the subject by integrating the study of construction, structure and services with project-based design exercises, where these components are taught concurrently with design programs, allowing students at all stages of their development to test their designs against the reality of the constraints of technology.

Components*Construction 1, Weighting: 0.5*

This component is an introduction to the constructional determinants of design. This is studied by an analysis of precedent which includes analyses of constructional systems and the ordering of building typologies. Statutory regulations and building codes are studied and case studies of small-scale, short-span, single-cell buildings are made.

Structure 1, Weighting: 0.4

The practice of architecture necessitates the production of stable buildings. The study of structure is intended to sharpen the predictive ability of building designers in this respect. Students are expected to demonstrate numeracy in their ability to compare systems quantitatively, undertake indicative computer analyses, and to manipulate physical units of force, length and time.

It introduces students to the following: forces acting on buildings – gravity, wind, seismic, temperature, ground movement; resolution of forces; the classification of material properties – stress, strain, elasticity, ductility, strength; cross-sectional properties; introduction to bending moment and shear force plots; simple 2D structures – columns, beams, arches and cables; structographics; consequences of variation in load pattern and jointing details; and introduction to computer usage in all the above.

Architectural Surveying, Weighting: 0.1

This component is an introduction to the following topics pertaining to architectural surveying: terminology used; role of service

performed and scope of work undertaken by either consultants or others; instruments and equipment used; field work applied to site surveys and measurement of existing buildings, including measured drawings; plotting of services, contours and other site characteristics; recording of site conditions; and locating boundaries and ownership limits through land records.

11913**Theory Studies 1**

9cp

Undergraduate

Semester offered: Full year – Autumn enrolment

Offered at: City campus

Components*Environmental Science 1, Weighting: 0.3*

This component deals with issues related to the placement of the built environment in the general context of its surrounding environment from a climatological viewpoint. It covers the following topics: the earth's orbit around the sun; the aphelion and the perihelion; tilt of the earth on its axis; effect of the above phenomena on net radiation received over the planet's surface for various latitudes; sun's declination and alternation of seasons; major world weather systems; sunshine and shade studies related to major climatic regions; and construction of solar charts.

Theory and Architecture 1, Weighting: 0.5

This component is intended to introduce students to the roles of thinking, reasoning and argument in the analysis of architecture. Lectures in Part 1 of the component provide introductory discussions on thinking and reasoning skills, common fallacies, problems and problem solving, creativity, criticism and ethics; while the lecture and tutorial program in Part 2 offers an introduction to key issues of contemporary critical theory. In addition, the component aims to provide students with close reading skills, library and research skills, and essay-writing techniques.

History of Architecture 1, Weighting: 0.2

The following will be offered in 2003. Students must undertake both topics.

The Architecture of Antique Greece and Rome

This topic studies: the development of the Classical Orders and of the theory of beauty in Greek architecture; the buildings of Athens, Delphi and Olympia; the Greek and Roman

120 Subject descriptions

theatre; Roman domestic architecture; the emergence of Roman concrete as a major building material and as a medium for shaping space and volume; and Roman design theory and practice as reflected in the works of the Emperors Nero, Domitian, Trajan and Hadrian.

The Architecture of Medieval Europe

This component concerns itself at first with the Early Christian and Byzantine architecture of Rome, Ravenna and Constantinople. Thereafter it will turn to the Romanesque and Gothic architecture of France, England, Germany, Spain and Italy.

11914

Professional Practice 1

3cp

Undergraduate

Semester offered: Full year – Autumn enrolment

Offered at: City campus

The importance given to studies related to professional practice is reflected in how they are structured within the course. Students are introduced, from the first year of the course, to the relationship of the professions to society, and to the importance of academic study and research in assuring that this role is properly fulfilled.

Component

Architectural Practice 1, Weighting: 1.0

This component covers the principles of architectural practice and the law. Topics include the following: law and ethics; aspects of trade practice and business structure; master and servant relationships; and taxation.

11915

Elective Studies 1

6cp

Undergraduate

Semester offered: Full year – Autumn to Spring

Offered at: City campus

Students choose two from the following components:

Components

Evolution of Human Settlement, 3cp

This component reviews the migration and settlement of modern humankind (*Homo sapiens*) across the various landmasses of the planet. It focuses on response to place, climate and available resources as well as the role of social structures and cultural mores. It

includes case studies by climatic zones: Hot Arid, Hot Humid, Arctic, Temperate, and Mediterranean.

Life Drawing, 3cp

Details of component to be provided at time of enrolment.

Architecture/Technology/History, 3cp

This is a brief introduction to key ideas associated with the relation between architecture and technology throughout history.

11921

Architectural Design 2

8cp; prerequisite(s): 11911 Architectural Design 1;

11912 Technology 1

Undergraduate

Semester offered: Full year – Autumn enrolment

Offered at: City campus

Component

Projects 2, Weighting: 1.0

This component encourages the development of design skills to meet the needs of more complex programs, including residential and related uses. This involves lectures and design exercises embracing social, environmental and technical issues in the grouping and assemblage of buildings.

11922

Technology 2

9cp; prerequisite(s): 11911 Architectural Design 1;

11912 Technology 1

Undergraduate

Semester offered: Full year – Autumn enrolment

Offered at: City campus

Components

Construction 2, Weighting: 0.6

This component involves the study of domestic scale building, which is also related to project-based design exercises. It covers the following topics: introduction to building economics; case studies of building failures; analysis of constructional systems; analysis of architectural detailing and its relationship to architectural design; integration of services and other technical and environmental constraints as they influence construction; and an introduction to post-occupancy evaluation.

Structure 2, Weighting: 0.4

This component is an introduction to code loadings and the effect of materials and codes on joint detailing. It covers the following

topics: the study of stability of low-rise 3D structures to gravity, lateral and torsional actions; bending and shear stress distribution over element X-sections; consequences of hyperstatic systems; composite materials and systems; and the use of computer techniques in all of the above.

11923

Theory Studies 2

9cp

Undergraduate

Semester offered: Full year – Autumn enrolment

Offered at: City campus

Components

Environmental Science 2, Weighting: 0.4

This component concerns itself with the direct relationship between the built object and its interaction with the environment in which it is placed. It primarily concerns itself with issues of biogeography and covers all major environmental cycles, e.g. nitrogen, carbon, oxygen and hydrological cycles. This component also covers the topics of greenhouse gases, ozone depletion and the ramifications of other anthropogenic inputs into the atmosphere and its likely effect on plant and animal life.

Theory and Architecture 2, Weighting: 0.3

This component is a continuation of previous work on architectural thinking. It introduces students to the architecture and theories of modernism and modernity.

History of Architecture 2, Weighting: 0.3

Students must undertake both topics.

The Architecture of the Early Renaissance

The areas of study covered in this component are as follows: early 15th-century Florence and the work of Filippo Brunelleschi; the writings and building projects of Leon Battista Alberti; the development of the urban palazzo in 15th-century Florence, Pienza and Urbino; Donato Bramante in Milan and Rome; Michelangelo in Florence and Rome; and the early 16th-century projects of Raphael and Giulio Romano.

High Renaissance and Baroque Architecture

Starting with the High Renaissance buildings of Ammanati, Vignola and Palladio, this topic proceeds to an analysis of Baroque architecture through the works of Maderno, Bernini, Borromini, Longhena, Guarini, Neumann, Zimmermann, and von Erlach.

11924

Professional Practice 2

0cp

Undergraduate

Semester offered: Full year – Autumn enrolment

Offered at: City campus

Component

Architectural Experience

An integral component of each of the programs offered is practical work experience which is acquired concurrently with academic study. Approved work experience is a precondition of the award of each of the degrees. All students must therefore undertake the component 'Architectural Experience' and must gain a specified amount of architectural experience prior to graduation.

Students must amass specified amounts of architectural experience by particular stages of the course in order to proceed through the course academically.

Such architectural experience is monitored through a non-academic credit-point system. Full details of the amount of experience to be gained and at what level are issued to students by the Director of Professional Practice.

Students are required to record their practical experience in the log book of the Architects Accreditation Council of Australia (AACA) (which may be obtained from the RAlA) and all students must submit these log books and work experience sheets for inspection each year. Students who do not submit log books by the dates set down by the staff member responsible for Professional Practice will have a failure recorded in the subject.

Students who have gained the requisite number of non-academic architectural experience points, and have had this verified by the Director of Professional Practice, are no longer required to submit log books and are deemed to have satisfied the criteria for the component Architectural Practice.

Students who have been granted advanced academic standing may also be eligible for an allowance of points in respect of approved practical experience acquired prior to enrolment in the course.

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11925

Elective Studies 2

6cp

Undergraduate

Semester offered: Full year – Autumn enrolment

Offered at: City campus

Students choose two from the following components:

Components

Sustainable Architecture 1, 3cp

This component covers the following topics: energy usage and its implications for climate change and the acidification of the atmosphere; the contribution of the greenhouse effect and the built environment to these phenomena; infrastructure planning and climate responsive architecture; and resource allocation.

Architectural Computing 2E, 3cp

This component explores building simulation in the design process. It trains the student to extend their use of the features of the software.

This component is designed for architects who already have previous computer design experience with Vectorworks. Students are expected to have access to a computer with Vectorworks Software 8.5 (Education version) to practice the skills learnt each week.

For this component, Vectorworks Software 8.5 (Education version) is run on Macintosh and Windows NT platforms. Students must have completed the Architectural Computing 1 component of 11911 Design.

Architectural Photography 1, 3cp

This component is an introduction to architectural photography, including techniques, form and meaning.

11931

Architectural Design 3

8cp; prerequisite(s): 11921 Architectural Design 2; 11922 Technology 2

Undergraduate

Semester offered: Full year – Autumn enrolment

Offered at: City campus

Component

Projects 3, Weighting: 1.0

This component explores the relationship of buildings to their setting, in both rural and urban contexts, together with the integration of social, environmental and technical services to support their use.

11932

Technology 3

5cp; prerequisite(s): 11921 Architectural Design 2; 11922 Technology 2

Undergraduate

Semester offered: Full year – Autumn to Spring

Offered at: City

Component

Construction 3, Weighting: 1.0

This component involves an investigation of more complex and larger scale building systems and their construction. It includes detailed cost planning and budgetary control; evaluation of environmental impact studies and their impact on construction; and analysis of the integration of construction and services in medium-rise and multi-use structures.

11933

Theory Studies 3

9cp

Undergraduate

Semester offered: Full year – Autumn enrolment

Offered at: City campus

Components

Environmental Science 3, Weighting: 0.4

This component follows on from the work done in 11923 Theory Studies 2: Environmental Science 2, by introducing the topic of energy exchange mechanisms within the built environment. The contribution made by sensible heat load from the occupants and equipment is discussed, as is the role of the building envelope as an environmental modifier and filler.

Urban Studies 1, Weighting: 0.3

These studies focus on issues which deal with the making of the built environment from the level of the individual building and its setting to the structure and restructuring of cities. In Urban Studies 1, the field of study and the interrelationship of subject areas are outlined. An introductory overview is given on the historical development of cities, which ranges from the planned and utopian city, to the growth of the incremental city. Basic issues relating to landscape are examined – terrain evaluation; reading the landscape and discovering its underlying structure; vegetation; soil morphology; geology; hydrology. Students gain an understanding of the implications of intervention in natural systems by built objects and the management and control of change.

History of Architecture 3, Weighting: 0.3

Students must undertake both topics.

Architecture in Sydney 1885-1930

While defining the ideological framework within which architecture evolved in Sydney and its environs during the period in question, this topic analyses representative buildings designed by J Horbury Hunt, Harry C Kent, G M Pitt, E Jeffresson Jackson, John Sulman, George Sydney Jones, B J Waterhouse, Hardy Wilson, Leslie Wilkinson and Neville Hampson. Research method as applied to the survey and documentation of historical buildings is also discussed.

Architecture in Europe, 1850-1914

This topic orientates itself around the work of the following architects: Philip Webb, Richard Norman Shaw, M H Baillie Scott, C F A Voysey, Edwin Lutyens, Charles Rennie Mackintosh, Victor Horta, Hector Guimard, Otto Wagner, Joseph Olbrich, and Josef Hoffmann. At the same time it discusses the ideas and theories espoused by the Arts and Crafts movement in England, by the Art Nouveau school in Belgium and France, and by the Secessionist movement in Austria.

11934**Professional Practice 3**

4cp

Undergraduate

Semester offered: Full year – Autumn enrolment

Offered at: City campus

Components*Architectural Practice 2, Weighting: 1.0*

This component covers the following topics:

1. application of cost planning and elemental analysis, their use in design and documentation stages and the development of the final cost analysis in office management
2. time planning and scheduling and its application to building projects and operations.

Architectural Experience

An integral component of each of the programs offered is practical work experience which is acquired concurrently with academic study. Approved work experience is a precondition of the award of each of the degrees. All students must therefore undertake the component 'Architectural Experience' and must gain a specified amount of architectural experience prior to graduation.

Students must amass specified amounts of architectural experience by particular stages of the course in order to proceed through the course academically.

Such architectural experience is monitored through a non-academic credit-point system. Full details of the amount of experience to be gained and at what level are issued to students by the Director of Professional Practice.

Students are required to record their practical experience in the log book of the Architects Accreditation Council of Australia (AACAA) (which may be obtained from the RAlA) and all students must submit these log books and work experience sheets for inspection each year. Students who do not submit log books by the dates set down by the staff member responsible for Professional Practice will have a failure recorded in the subject.

Students who have gained the requisite number of non-academic architectural experience points, and have had this verified by the Director of Professional Practice, are no longer required to submit log books and are deemed to have satisfied the criteria for the component Architectural Practice.

Students who have been granted advanced academic standing may also be eligible for an allowance of points in respect of approved practical experience acquired prior to enrolment in the course.

11935**Elective Studies 3**

6cp

Undergraduate

Semester offered: Full year – Autumn enrolment

Offered at: City campus

Students choose two from the following components:

Components*Sustainable Architecture 2, 3cp*

This component critically reviews the part the current economic paradigm plays in management decisions regarding human settlement and the built environment, and sets out to determine whether this model represents a true costing of the resources used in human-kind's daily activities.

History of Architecture 3E, 3cp

Students must undertake both topics.

- Islamic Architecture, 690-1700

What is Islamic architecture? This is the question which this component seeks to

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answer as it visits buildings designed for and by Muslims in Jerusalem, Damascus, Baghdad, Samarra, Cairo, Cordoba, Granada, Istanbul and Isfahan.

- **Architecture in the USA, 1874-1936**

Discussion in this component revolves around three main themes: 'Shingle Style' architecture and its emergence in the 1870s; developments in the design and construction of high-rise buildings in Chicago during the 1880s and 1890s; and the work of Frank Lloyd Wright between 1893 and 1936.

Architectural Computing 3E, 3cp

This component explores the advantages of the building simulation in the design process. It trains the student to utilise the features of the software. This component is designed for architects who do not have previous computer design experience with Archicad. Students are expected to have access to a computer with Archicad 6.5 (Education version) to practice the skills learnt each week.

This component explores how to:

- prepare a graphic technology model
- manipulate the 'virtual building'
- interrogate and communicate the final design.

For this component, Archicad Software 6.5 (Education version) is run on Windows NT platform.

Theory and Architecture 3A, 3cp

Theory, architecture, philosophy and their interrelations.

Theory and Architecture 3B, 3cp

An introduction to the rise of post-modernism; key ideas and theorists; antifoundationalism; architecture and post-modernism; post-modern space; post-modernism and the city.

11936

Honours Qualifying

6cp; prerequisite[s]: successful completion of all subjects in Years 1 and 2

Undergraduate

Semester offered: Full year – Autumn to Spring

Offered at: City campus

Components

Research Methods, Weighting: 0.2

This component includes the following topics: an introduction to research methods; methodologies in different disciplines; statistics;

library facilities; international databases; and an introduction to thesis preparation.

Preliminary Thesis Submission, Weighting: 0.8

This component involves the preparation – under the supervision of an approved staff member and on a topic agreed to by the Program Director, the supervisor, and student – of a substantial essay outlining and developing one aspect of the proposed thesis topic. This essay should demonstrate the following: research and scholarship skills applied to that particular topic; skills in data gathering and analysis; and the development and presentation of written skills suitable to the preparation of a thesis at Honours level.

11941

Architectural Design 4

10cp; prerequisite[s]: 11931 Architectural Design 3; 11932 Technology 3

Undergraduate

Semester offered: Full year – Autumn enrolment

Offered at: City campus

Component

Projects 4, Weighting: 1.0

Problems related to the re-use and re-design of obsolete buildings are studied in this component, with account taken of historical and cultural factors, architectural significance, as well as constraints on built form and land use imposed by statute and local regulation.

11942

Technology 4

12cp; prerequisite[s]: 11931 Architectural Design 3; 11932 Technology 3

Undergraduate

Semester offered: Full year – Autumn to Spring

Offered at: City campus

Components

Construction 4, Weighting: 0.4

This component involves the analysis of the integration of construction and services in high-rise and large-span structures. It covers advanced constructional systems, including studies of precast and prestressed concrete design; timber technology; large-span steel and cable structures; study of building and planning codes and relevant statutory instruments; detailed appraisal of the Burra Charter as it impacts on the rehabilitation of protected buildings; and technical adaptation of existing buildings to new use.

Structure 3, Weighting: 0.3

This component involves students in case studies on the following: building failures; typologies and shape finding; high-rise and long-span buildings; membranes, nets and space frames; wind and earthquake effects. It also covers retrofit in the upgrading of old and damaged buildings, and communication between CAD and computerised analysis.

Applied Services, Weighting: 0.3

This component investigates the management of the various information and control systems that contribute to the built environment's efficient utilisation of resources and energy. It also covers all mechanical services, air distribution services, and hydraulic services, including professional liaison with appropriate consultants.

11943**Theory Studies 4**

6cp

Undergraduate

Semester offered: Full year – Autumn enrolment

Offered at: City campus

Components*Environmental Science 4, Weighting: 0.6*

This component is an introduction to architectural acoustics and lighting which looks at the response of the human ear and eye. The acoustic program covers the following topics: the characteristics of sound and its propagation; design for acoustic environments; noise control; barriers; isolation; masking and general room acoustics. The lighting program studies two aspects under the headings of daylighting and electrical lighting, including the following topics: glare; colour perception classification systems; daylighting factors; design skies; and lamp technologies. Methods of calculating illuminance are also covered.

Urban Studies 2, Weighting: 0.4

This component includes seminal case studies of city development with a particular focus on the scale and growth of the 19th-century city. Studies include sociopolitical, economic, physical and ideological critiques of the city.

11944**Professional Practice 4**

4cp

Undergraduate

Semester offered: Full year – Autumn enrolment

Offered at: City campus

Components*Architectural Practice 3, Weighting: 1.0*

This component covers the Architects Act, Regulations and Professional Bodies, and Law and Management. It provides students with the following:

1. a background to statute and common law and the operative legal systems, together with the laws of torts, contracts and agency, in their implications to architectural practice, and
2. an introduction to management theory and the processes of forecasting, organising, planning, motivating, controlling, coordinating and communicating.

Architectural Experience

An integral component of each of the programs offered is practical work experience which is acquired concurrently with academic study. Approved work experience is a precondition of the award of each of the degrees. All students must therefore undertake the component 'Architectural Experience' and must gain a specified amount of architectural experience prior to graduation.

Students must amass specified amounts of architectural experience by particular stages of the course in order to proceed through the course academically.

Such architectural experience is monitored through a non-academic credit-point system. Full details of the amount of experience to be gained and at what level are issued to students by the Director of Professional Practice.

Students are required to record their practical experience in the log book of the Architects Accreditation Council of Australia (AACAA) (which may be obtained from the RAIA) and all students must submit these log books and work experience sheets for inspection each year. Students who do not submit log books by the dates set down by the staff member responsible for Professional Practice will have a failure recorded in the subject.

Students who have gained the requisite number of non-academic architectural experience points, and have had this verified by the Director of Professional Practice, are no longer

required to submit log books and are deemed to have satisfied the criteria for the component Architectural Practice.

Students who have been granted advanced academic standing may also be eligible for an allowance of points in respect of approved practical experience acquired prior to enrolment in the course.

11945

Honours Elective Thesis

24cp; prerequisite(s): successful completion of all subjects in Years 1, 2 and 3, including 11936

Honours Qualifying, at Credit level

Undergraduate

Semester offered: Full year – Autumn enrolment

Offered at: City campus

This subject involves the preparation of a thesis (c. 20,000 words) under the supervision of an approved staff member and on a topic approved by the Program Director, the supervisor and the student. Topic choice is conditional on adequate supervision in that area being available within the Architecture program, or elsewhere subject to the approval of the Architecture Program Director.

11946

Design Honours

6cp

Undergraduate

Semester offered: Full year – Autumn enrolment

Offered at: City campus

This is an additional coursework subject demonstrating design and technology skills at an advanced level.

11951

Architectural Design and Technology 1

17cp; prerequisite(s): BA in Architecture or equivalent

Undergraduate

Semester offered: Full year – Autumn enrolment

Offered at: City campus

In Years 5 and 6 of the course the importance given to architectural design and to the integration of design with technology remains paramount, with the two previous subject strands amalgamated into a single subject. Project-based exercises are developed to a greater level of complexity than in the previous years. Again, in all stages of the design program there is a determination to demonstrate the relevance of linking theoretical studies and applied knowledge in critical assessments.

Components

Projects 5, Weighting: 0.7

Studies in this component concentrate on two diverse areas of work. One focuses on the micro level of the individual building where a major public project, involving large-span technology and complex servicing, is selected to be designed in detail. The other involves a study of part of an urban area of a town or city, where the physical, economic and social infrastructure, as well as the built form of the place, has to be redesigned or modified to accommodate change.

Environmental Science 5, Weighting: 0.3

This component involves the specialist application of all prior learning in respect of environmental science, integrated with the Design and Technology component Projects 5.

11953

Theory Studies 5

10cp; prerequisite(s): BA in Architecture or equivalent

Undergraduate

Semester offered: Full year – Autumn enrolment

Offered at: City campus

Components

Theory and Architecture 4, Weighting: 0.5

In this component students must choose from a range of alternative seminars offered. In 2003, the following may be available, subject to staff availability:

1. Exploring Space 1: From Simple Beginnings to Baudrillard
2. Building, Dwelling, Thinking: Towards a Phenomenology of Place
3. The Future of the Office
4. Access Equity and Design
5. The Evolution of Technology
6. Fire in Atria.

Urban Studies 3, Weighting: 0.5

This component examines the phenomenon of the suburb and the role of 19th century philanthropists and social reformers in its development. The dynamics of social change, especially with reference to changing patterns of urbanism are also covered.

11954**Professional Practice 5**

5cp

Undergraduate

Semester offered: Autumn enrolment

Offered at: City campus

Components*Architectural Practice 4, Weighting: 1.0*

This component addresses marketing theory and practice as it relates to architectural practice. It focuses on the financial management of architectural practices and architectural projects including building contract cost control, with relevant operations research.

Architectural Experience

An integral component of each of the programs offered is practical work experience which is acquired concurrently with academic study. Approved work experience is a precondition of the award of each of the degrees. All students must therefore undertake the component 'Architectural Experience' and must gain a specified amount of architectural experience prior to graduation.

Students must amass specified amounts of architectural experience by particular stages of the course in order to proceed through the course academically.

Such architectural experience is monitored through a non-academic credit-point system. Full details of the amount of experience to be gained and at what level are issued to students by the Director of Professional Practice.

Students are required to record their practical experience in the log book of the Architects Accreditation Council of Australia (AACA) (which may be obtained from the RAlA) and all students must submit these log books and work experience sheets for inspection each year. Students who do not submit log books by the dates set down by the staff member responsible for Professional Practice will have a failure recorded in the subject.

Students who have gained the requisite number of non-academic architectural experience points, and have had this verified by the Director of Professional Practice, are no longer required to submit log books and are deemed to have satisfied the criteria for the component Architectural Practice.

Students who have been granted advanced academic standing may also be eligible for an allowance of points in respect of approved practical experience acquired prior to enrolment in the course.

11956**Master's Research Elective**

32cp; normally 8hpw over two years;

prerequisite(s): BA (Honours) in Architecture or equivalent

Undergraduate

Semester offered: Full year – Autumn enrolment

Offered at: City campus

The Master's Research Elective is offered in Years 5 and 6 of the course. Candidates for the degree of Master of Architecture must complete this program in addition to all the subjects required for the award of the Bachelor of Architecture degree.

The Master's Research Elective subject is valued at 16 credit points per year over two years. The subject is divided into two components:

1. a theory component (Master's Research Elective – Theory) involving the preparation of a written dissertation, and
2. an applied component (Master's Research Elective – Application 1 and 2) involving the demonstration by projects of an advanced level of architectural and urban design and technology. This component involves two distinct programs of work, as outlined below.

Students choosing to undertake the Master's Research Elective component after completion of all subjects required for the Bachelor of Architecture degree, must do so over a single year and thus must take both the above Applied programs simultaneously.

Components*Master's Research Elective – Application 1, Weighting: 0.2; 3hpw; Year 5; Semesters 1 and 2*

This component involves studies in restructuring the city and the remodelling of its infrastructure, both physical and non-physical. It includes case studies at the micro level of the individual building to demonstrate principles of this procedure in practice with studio-based projects to confirm its application.

Master's Research Elective – Application 2, Weighting: 0.2; 3hpw; Year 6; Semesters 1 and 2

In this component students undertake design projects to demonstrate an ability to synthesise all aspects of the design process in creating or re-adapting major buildings, and locate them or reconnect them into new or existing physical settings.

Master's Research Elective – Theory, Weighting: 0.6; 5hpw; Years 5 and 6; Semesters 1 and 2

This component involves the preparation of a written dissertation (c. 30,000 words) under the supervision of an approved staff member and on a topic agreed to by the Director of Dissertations and the candidate.

11965

Architectural Design and Technology 2A

8.5cp; prerequisite(s): 11951 Architectural Design and Technology 1

Undergraduate

Semester offered: Autumn

Offered at: City campus

Components

Projects 6, Weighting: 0.7

This component requires the development and presentation of designs embodying all aspects of the design process which, in their synthesis, take account of socioeconomic, cultural and physical determinants.

Environmental Science 6, Weighting: 0.3

This component involves the specialist application of all prior learning in respect of environmental science, integrated with the Design and Technology 2 component Projects 6.

11966

Theory Studies 6A

5cp

Undergraduate

Semester offered: Autumn

Offered at: City campus

Components

Theory and Architecture 5, Weighting: 0.5

In this component students must choose from a range of alternative seminar programs offered. In 2003 the following may be available, subject to staff availability:

1. Exploring Space 2: Cyberspace, Politics, Power
2. Body, Gender, Space
3. The Future of the Office
4. Access Equity and Design
5. The Evolution of Technology
6. Fire in Atria.

Urban Studies 4, Weighting: 0.5

This component examines the following topics: regional and urban planning issues

in their social context and governmental framework; planning procedures and current ideologies in planning; and infrastructural decision making in the context of city restructuring.

11967

Professional Practice 6A

2.5cp

Undergraduate

Semester offered: Autumn

Offered at: City campus

Components

Architectural Practice 5, Weighting: 1.0

This component involves the study of building contracts. It covers the following topics: seminars on the legal base of the provisions of building contracts; comparisons between forms of contracts in current usage and their administration with case studies of practice situations; and role playing, dispute resolution and negotiation skills.

Architectural Experience

An integral component of each of the programs offered is practical work experience which is acquired concurrently with academic study. Approved work experience is a precondition of the award of each of the degrees. All students must therefore undertake the component 'Architectural Experience' and must gain a specified amount of architectural experience prior to graduation.

Students must amass specified amounts of architectural experience by particular stages of the course in order to proceed through the course academically.

Such architectural experience is monitored through a non-academic credit-point system. Full details of the amount of experience to be gained and at what level are issued to students by the Director of Professional Practice.

Students are required to record their practical experience in the log book of the Architects Accreditation Council of Australia (AACA) (which may be obtained from the RAlA) and all students must submit these log books and work experience sheets for inspection each year. Students who do not submit log books by the dates set down by the staff member responsible for Professional Practice will have a failure recorded in the subject.

Students who have gained the requisite number of non-academic architectural experience points, and have had this verified by the Director of Professional Practice, are no longer

required to submit log books and are deemed to have satisfied the criteria for the component Architectural Practice.

Students who have been granted advanced academic standing may also be eligible for an allowance of points in respect of approved practical experience acquired prior to enrolment in the course.

11975

Architectural Design and Technology 2S

8.5cp; prerequisite(s): 11951 Architectural Design and Technology 1

Undergraduate

Semester offered: Spring

Offered at: City campus

Continuation of 11965.

11976

Theory Studies 6S

5cp

Undergraduate

Semester offered: Spring

Offered at: City campus

Continuation of 11966.

11977

Professional Practice 6S

2.5cp

Undergraduate

Semester offered: Spring

Offered at: City campus

Continuation of 11967.

12511

Building Technology and Regulation

6cp

Postgraduate

Semester offered: Autumn or Spring (subject to availability)

Offered at: City campus

In this subject students undertake a critical examination of building structure, cladding and service systems for a range of building types. The subject covers the following topics: maintenance, life cycle costing and energy efficiency; purpose and application of building regulations; and interpretation of building documentation in the context of property development and management processes.

12515

Property Life Cycle

6cp

Postgraduate

Semester offered: Autumn or Spring (subject to availability)

Offered at: City campus

A strategic and responsible approach to management of property assets requires the ability to understand and respond to economic and social influences which affect the performance of property through a life cycle which begins with raw land and includes development, management and redevelopment. Marketing and effective property management techniques are examined in this subject as responses to changing economic and social forces in the strategic management of property assets.

12518

Property Transactions

6cp

Postgraduate

Semester offered: Autumn or Spring (subject to availability)

Offered at: City campus

This subject looks at the following topics: the nature of the ownership of personal property including intellectual property; the nature of ownership of real property including the related concepts of title, leases, mortgages and conveyancing transactions, options to purchase; an overview of the law of contract with emphasis on construction industry contracts and joint venture agreements; the law of negligence including liability for negligently given advice or certification, the operation of the statute of limitations; and the manner in which local government building, planning and subdivision approvals are given including the mechanisms for appeal to the Land and Environment Court.

125240

Introduction to Property Development

6cp; prerequisite(s): 12525 Property Analysis 1; 12535 Property Analysis 2

Postgraduate

Semester offered: Autumn or Spring (subject to availability)

Offered at: City campus

This subject provides a framework, tools, techniques and practical approaches for individuals and organisations involved in property development. Material covered

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includes strategic planning; introduction to project management of property developments; team formation, development and management; project initiation, planning, procurement and completion; the property development process; organisational structure and culture; human resource management; industrial relations; characteristics and needs of different property development types. This subject comprises the lecture/seminar material as for 12524 Property Development (4cp) with the addition of a further item of assessment related to the objectives of the subject to be negotiated to address specific interests of the student.

12525

Property Analysis 1

6cp

Postgraduate

Semester offered: Spring

Offered at: City campus

In this subject students study the following: general accounting principles; capital budgeting techniques; discounted cash-flow analysis; risk analysis techniques; interest rate theory and discount rates; traditional and contemporary principles and methods of valuation, advanced capitalisation and other valuation methods; valuation of different classes of property; and sources of finance. A basic knowledge of a spreadsheet program such as Microsoft Excel is assumed. Students need to bring a financial calculator to class.

12535

Property Analysis 2

6cp; prerequisite(s): 12525 Property Analysis 1

Postgraduate

Semester offered: Autumn

Offered at: City campus

This subject covers the following topics: site identification and analysis; financial feasibility analysis for both residential and non-residential properties; estimation of development feasibility components; sensitivity and risk analysis; preparation of development business plans and finance proposals; investment market and portfolio analysis; property investment portfolio management including impact of economic size, market constraints, physical constraints, maintenance of market position, reappraisal and culling; risk exposure, profiles, gearing and management; current issues in property and non-property asset investment; and the use of basic computer applications.

12550

UEM Project

6cp

Postgraduate

Semester offered: Autumn or Spring (subject to availability)

Offered at: City campus

This subject involves an independent study in an area related to Urban Estate Management, selected by the student, subject to approval of the Director of Program.

15111

Urban Analysis

6cp

Postgraduate

Semester offered: Autumn

Offered at: City campus

This subject questions the rationale for urban planning, reviewing the need for, and arguments against, regulation. Students are introduced to the form of urban areas and theories of city structure and location as a factor in urban development. Basic frameworks, concepts and tools for analysing and understanding urban problems are investigated, including microeconomics, macroeconomics and urban sociology concepts, in order to develop an elementary comprehension of urban issues.

The subject also develops students' abilities to effectively investigate, analyse and present planning data (written, graphical and oral). Exercises in exploring research methods and data sources for urban planning and management practice include land use and density mapping, data-gathering survey methods, geographic information systems, and skills in using journal and other library resources.

15121

Planning Project Analysis

6cp; corequisite(s): 15111 Urban Analysis

Postgraduate

Semester offered: Autumn

Offered at: City campus

The Planning Project is centred on a site which is sufficiently large and complex to raise questions of ownership, infrastructure, urban transport, environmental impact, social impact, heritage, regional implications, land use, built form, plan preparation, and development control. The four subjects which make up the project are intended to give students an experiential education in the process of planning, enabling concepts and information

from knowledge areas to be integrated at each stage. Students work in groups of between four and eight, emulating planning practice where knowledge and ideas are put into practice, where experience is gained in the techniques and methods of planning, and where the skills of spatial analysis, problem-solving, design, organisation and communication are enhanced.

This first planning project subject requires the analysis of the chosen site, through the documentation of its physical characteristics and its social and environmental context. Students are required to perceive, identify, record, analyse and manipulate patterns and relationships. In addition, students provide a preliminary definition of planning problems, design a project brief and prepare consultancy contracts.

15131

Sustainable Development

6cp

Postgraduate

Semester offered: Spring

Offered at: City campus

This subject explores the management of the physical environment from the perspective of development impact, concentrating particularly upon ecology, hydrology, geomechanics and climate. By examining the management of these physical parameters students are able to understand the complexity of environmental carrying capacity, evaluate resource risks and comprehend the application of sound principles of ecologically sustainable development in policy and practice scenarios.

Resource management, environmental law and key policy initiatives are investigated in order to build an understanding of how regulatory frameworks are responding to increasing physical pressures. The management of movement is introduced and considered in order to relate development scale and type to transport provision and, conversely, how and why transport constrains development; more generally, the relationship between transport and sustainable forms of development.

15141

Planning Project Visioning

6cp; prerequisite(s): 15121 Planning Project Analysis

Postgraduate

Semester offered: Spring

Offered at: City campus

This is the second subject in the Planning Project and requires student groups to produce a vision for the future development of the chosen site, incorporating alternative proposals that respond to some of Sydney's main planning problems. The vision should draw on the assessment of those problems identified in Planning Project Analysis, and on the site's physical and human site characteristics. The vision should result in a desired kind of place for the site, which may kindle the capacity for positive change. This exercise provides hands-on experience of a key phase of plan-making.

15211

Planning Project Development Assessment

6cp; prerequisite(s)/corequisite(s): 15141 Planning Project Visioning; 15221 Urban Design and Management

Postgraduate

Semester offered: Autumn

Offered at: City campus

This is the third subject in the Planning Project and requires student groups to develop at least three land-use options for the site. Each of these options is evaluated on the basis of an analysis of feasibilities, an assessment of impact and an examination of costs and benefits. The aim is to compare and contrast the options and select the most suitable for development, which adequately incorporates elements of the vision developed in the previous stage of the Planning Project.

15221

Urban Design and Management

6cp

Postgraduate

Semester offered: Autumn

Offered at: City campus

This subject provides a detailed exploration of the principles of the urban design process and best practice in the management of the urban environment. By examining past and present approaches to the management of both the design process and broader urban governance, students are able to gain both a competent perception and the ability to

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recognise and apply sound principles of urban design and governance. Emphasis is placed on how the form of the public realm responds to social, political, environmental and economic pressures. Particular attention is focused on the promotion and control of urban development and design via regulatory instruments, plans, codes, desired future character statements, policies, etc. The evaluation of development alternatives is considered through cost benefit analysis and the planning balance sheet.

The subject examines changing philosophies of urban management and governance, through the delivery of lectures in political theory and the structures of decision-making and how they have shaped planning and design practice, including the analyses of public participation and community politics.

15231

Planning Project Implementation

6cp; prerequisite(s): 15211 Planning Project Development Assessment
Postgraduate
Semester offered: Spring
Offered at: City campus

This is the fourth and final subject in the Planning Project and requires student groups to develop a planning solution to allow implementation of the chosen option of the site (selected in Planning Project Development Assessment). Students are required to produce an appropriate realisation plan, strategy or other 'vehicle', which sets out clear aims, objectives, policies and controls. This vehicle must elaborate the framework for the achievement of the vision and be presented in a professional format with recourse to a high degree of accuracy and legitimacy.

15241

Urban Economics and Infrastructure

6cp; prerequisite(s): 15121 Urban Analysis
Postgraduate
Semester offered: Spring
Offered at: City campus

This subject explores the use of economic methods to examine urban issues and derive planning implications. The study of urban and regional economic issues, including multiplier analysis and models of regional growth are also examined, providing students with the ability to apply core strategic planning skills. Lectures provide an analysis of infrastructure financing, urban transport

economics, retail and office location economics, urban consolidation economics, and heritage conservation. In addition, the performance of urban property markets, property cycles and development feasibility are investigated.

Contemporary practices are investigated in the design and management of infrastructure: the values, concepts and methods used in engineering and related professions; approaches used in the choice, design, construction, operation and maintenance of infrastructure, as well as the limitations and external costs of these practices.

15301

Advanced Planning Theory and Practice

6cp; prerequisite(s): Completion of, or exemption from, all eight coursework subjects in the Graduate Diploma in Planning
Postgraduate
Semester offered: Autumn
Offered at: City campus

The study and analysis of contemporary planning theory (including the notions of power and governance) and advanced planning practice allow students to observe and perform advanced techniques in the broad themes of ecologically sustainable development, urban design, community participation and economic development.

Lectures explore contemporary planning approaches to urban economic development, including the establishment of state-private sector partnerships and the fostering of industry clusters; collaborative planning; planning as part of the overall urban management for ESD and the operation of institutional frameworks.

15302

Planning Problem-solving Methods

6cp; prerequisite(s): Completion of, or exemption from, all eight coursework subjects in the Graduate Diploma in Planning; corequisite(s): 15301 Advanced Planning Theory and Practice
Postgraduate
Semester offered: Autumn, Spring
Offered at: City campus

The three-part Problem-solving project consists of a supervised major project based on a real planning problem or issue selected by the student either as an individual or group project. The objective is to provide a vehicle for original, in-depth problem solving.

This first subject re-introduces students to the core skills required to conduct rigorous and

original Problem-solving exercises. Many of these skills and techniques will have been delivered in the Urban Analysis subject and employed in the Planning Project. However, students are also exposed to relevant research approaches and analytical techniques used in problem solving. The subject incorporates formal instructional lectures, case studies of planning Problem-solving exercises and seminar discussions. Students are required to produce a literature review, which both identifies contemporary analyses and provides an opportunity to place their chosen planning problem in to the context of wider planning issues.

15303

Planning Problem-solving Analysis

6cp; prerequisite(s): 15302 Planning Problem-solving Methods

Postgraduate

Semester offered: Autumn, Spring

Offered at: City campus

This is the second subject in the Planning Problem-solving Project and requires students to produce a report, which identifies the nature of the planning problem, the causes which give rise to this particular problem and the effects of the problem in terms of the environmental, economic and socio-cultural consequences, as appropriate. This allows students to consider the extent of the problem and the potential stakeholders involved in addressing the problem. The subject is undertaken primarily via self-instruction, but students are carefully guided by their supervisor and meet on a regular basis. Students attend a day-long seminar, where they present and debate their report findings and their implications for the next stage: the elucidation of practical solutions.

15304

Planning Problem-solving Outcomes

6cp; prerequisite(s): 15303 Planning Problem-solving Analysis

Postgraduate

Semester offered: Autumn, Spring

Offered at: City campus

This subject is the culmination of the problem-solving exercise, which allows students to consider and interpret their findings from the previous two stages. The subject is undertaken primarily via self-instruction, but students are carefully guided by their supervisor and meet on a regular basis. Students develop and deliver a viable solution to the

chosen problem in the form of comprehensive report, incorporating the previous stage of the project. This provides an opportunity for the identification and presentation of creative solutions to planning problems.

15311

Project Management Context and Processes

6cp

Postgraduate

Semester offered: Autumn

Offered at: City campus

This subject examines the processes of project management and their interaction as applied to generic project phases and life cycle; initiating, planning, executing, controlling and closing processes; core and facilitating processes; project management stakeholders, organisational structures and influences; the professional discipline of project management; and competency standards.

15312

PM Competencies (Strategic)

6cp

Postgraduate

Semester offered: Autumn

Offered at: City campus

This subject examines strategic project management competencies in the context of a specific practice-based scenario; integration management, scope management, communications management and human resource management; project plan development, project plan execution and overall change control; initiation, scope planning, scope definition, scope verification and scope change control; communication planning, information distribution, performance reporting and administrative closure; and organisational planning, staff acquisition and team development.

15313

PM Competencies (Tactical)

6cp

Postgraduate

Semester offered: Spring

Offered at: City campus

This subject examines tactical project management competencies in the context of a specific practice-based scenario; procurement management and risk management; procurement planning, solicitation planning, solicitation, source selection, contract administration and contract close-out; and risk identification, risk

134 Subject descriptions

quantification, risk response development and risk response control.

15314

PM Competencies (Operational)

6cp

Postgraduate

Semester offered: Spring

Offered at: City campus

This subject examines operational project management competencies in the context of a specific practice-based scenario; time management, cost management and quality management; activity definition, activity sequencing, activity duration estimating, schedule development and schedule control; resource planning, cost estimating, cost budgeting and cost control; and quality planning, quality assurance and quality control.

15321

Workplace Ecology

6cp

Postgraduate

Semester offered: Autumn

Offered at: Internet delivery [off campus]

This subject gives an overview of design considerations that aim to provide a productive and healthy work environment. Issues include indoor air quality, ergonomics, noise and privacy, spatial planning, furniture layouts, designing for flexibility and mobility, and the impact of technology on the workplace. Case studies of successful interior design solutions are examined in detail.

15322

Engineering Services and Systems

6cp

Postgraduate

Semester offered: Autumn

Offered at: Internet delivery [off campus]

This subject examines engineering services used in contemporary facilities; heating, ventilation, air conditioning, electrical, fire, communications, data and security systems; energy and maintenance implications, including operating performance and repair cycles for plant and equipment; computer-based management and control systems; and intelligent buildings and monitoring technologies.

15323

Development Management

6cp

Postgraduate

Semester offered: Spring

Offered at: Internet delivery [off campus]

This subject examines the economic and political framework within which development occurs, the phases of initial project development and the necessary technical tools to carry out a full feasibility study for a development proposal; planning, approval and financing considerations; and strategies to deliver value for money during the development phase.

15324

Facility Obsolescence

6cp

Postgraduate

Semester offered: Spring

Offered at: Internet delivery [off campus]

This subject examines facility obsolescence, renewal, refurbishment and adaptive re-use; heritage implications and legislative constraints; the importance of change to organisational growth and continuity; effective change management; organisational churn; and future-proofing organisations through flexible space planning and technology provision.

15331

Project Portfolio and Program Management

12cp

Postgraduate

Semester offered: Autumn

Offered at: City campus/offshore

This subject examines definitions and concepts, methods and tools to manage a portfolio of projects and programs within an organisation. The specificity and the multiple facets of strategic alignment, balance between projects and operations, resource allocation, risk management, process management and organisational issues are illustrated by the study of the main international standards.

15332**Strategic Project Management**

12cp

Postgraduate

Semester offered: Autumn

Offered at: City campus/offshore

This subject examines managing complex projects (such as infrastructure, merger acquisition, strategic development and alliances) from the idea to the operation stage. Topics include presentation use of a meta-method for structuring, analysing, solving socioeconomics problems, and deciding under uncertain conditions. It uses both quantitative and qualitative approaches, systems thinking and system dynamics in project scenario modelling.

15333**Managing Organisations by Project**

12cp

Postgraduate

Semester offered: Spring

Offered at: City campus/offshore

This subject explores organisational design, reengineering, implementation, and improvement strategies for organisations managing or willing to manage by using projects. Topics include organisation theory overview, competence management and building learning organisations, change management, knowledge management, information systems, and quality issues focusing on creation of value, continuous improvement and maturity models.

15334**Project Performance Assessment**

12cp

Postgraduate

Semester offered: Spring

Offered at: City campus/offshore

This subject examines the concepts, methods and tools to conduct assessment and build practice improvement strategies and their customisation according to context. Topics include facilitation, evaluation and assessment competence, benchmarking methods, tools and processes, capturing lessons learned and highlighting best practices, project taxonomy, project success and performance, information system support, developing communities of practice, and systemic intervention method and skills.

15341**Sustainable Development**

12cp

Postgraduate

Semester offered: Autumn

Offered at: Internet delivery (off campus)

This subject examines issues affecting the interaction between economic development and environmental protection. It includes an understanding of the importance of ecologically sustainable development and the provision of strategic advice on the most effective use of resources over a project's life cycle. Advanced selection criteria and the measurement of sustainability are discussed in the context of political, legal, ecological and societal considerations.

15342**Environmental Design**

12cp

Postgraduate

Semester offered: Spring

Offered at: Internet delivery (off campus)

This subject examines the design and management of facilities in the context of environmental performance; low energy design solutions, renewable energy sources, energy measurement and conservation strategies, life-cost evaluation, occupancy costs, and asset management tools such as post-occupancy evaluation and environmental auditing aimed at effective facility operation; and embodied energy and recycling.

15343**Strategic Facility Planning**

12cp

Postgraduate

Semester offered: Autumn

Offered at: Internet delivery (off campus)

This subject provides the economic evaluation and operation of existing facilities in the context of improved business performance and worker productivity; and an understanding of facility strategies, organisational responsibilities and structures and the appropriate decision-making tools that should be applied. Specific areas of focus include workplace ecology, needs analysis, space planning principles, computer-aided facility management solutions, outsourcing and risk analysis.

15344

Facility Performance

12cp

Postgraduate

Semester offered: Spring

Offered at: Internet delivery (off campus)

This subject examines the economics and management of facilities and support services using a whole-of-life approach; property maintenance, financial management, value identification and quality assessment; the impact of taxation on portfolio management, including asset depreciation; due diligence; environmental health and safety issues; and planned retrofitting, refurbishment, adaptive re-use and implications for business continuity.

15451

Graduate Project

24cp

Postgraduate

Semester offered: Autumn, Spring

Offered at: Internet delivery (off campus)

This subject involves the preparation and submission of a major dissertation, involving the detailed investigation, analysis and write-up of an original case study related to project management or facility management. It includes instruction in research skills, methodology formulation and analysis techniques. The subject is taken over one semester of full-time study or its part-time equivalent.

15452

Research Methodology

12cp

Postgraduate

Semester offered: Autumn, Spring

Offered at: Internet delivery (off campus)

This subject examines the principles and practice of effective research work and preparation for doctoral assessment. Research training, including information retrieval and processing skills. It involves formulation of a research plan, including problem definition and research rationale, aims and objectives, hypothesis development and identification of scope limitations; research methodology and data collection strategies; statistical analysis techniques for both quantitative and qualitative data; and key statistical tools and software applications.

15453

PFM Thesis

96cp

Postgraduate

Semester offered: Autumn, Spring

Offered at: City campus

This subject is the thesis component for students in the Doctor of Project Management or Doctor of Facility Management courses.

16011

Facility Management

8cp

Undergraduate

Semester offered: Autumn, Spring

Offered at: Internet delivery (off campus)

This subject is an introduction to the professional discipline of facility management comprising: computer-aided facility management (CAFM); strategic planning; organisational models; decision making; functional plans; measurement of performance standards; environmental and contextual factors; and case studies. The subject is delivered over the Internet in conjunction with Massey University in New Zealand.

16012

Project Management

8cp

Undergraduate

Semester offered: Autumn, Spring

Offered at: Internet delivery (off campus)

This subject is an introduction to the professional discipline of project management comprising: project management processes and context; project integration, scope, time, cost, quality, human resource, communications, risk and procurement management; and case studies. The subject is delivered over the Internet in conjunction with Massey University in New Zealand.

16013

Expert Witness

8cp

Postgraduate

Semester offered: Autumn, Spring

Offered at: City campus

This subject explores the purpose and role of an expert witness; the context within which expert testimony is delivered; rules of evidence and natural justice; examination and cross-examination; the law relating to consultants in the construction industry; and researching evidence and presentation at a

simulated tribunal hearing. The subject is delivered over the Internet in conjunction with Massey University in New Zealand.

16050

Building Assessment Techniques

4cp

Undergraduate

Semester offered: Subject to availability

Offered at: City campus

The subject aims at providing the student with the skills necessary to assess the technical condition of new and existing buildings, and methods appropriate to each of the various building components (including services) are covered. It covers the assessment of the technical condition of existing buildings and the impact of that condition on possible future use of the building, detailed knowledge of the construction methods used in the past and the likely deterioration with time that would be expected of the building elements.

16051

History of Building Construction Methods

4cp

Undergraduate

Semester offered: Subject to availability

Offered at: City campus

The subject is aimed at giving students an appreciation of the worth of old buildings. It covers the history of building construction methods through the ages.

16052

Water Around Buildings

4cp

Undergraduate

Semester offered: Subject to availability

Offered at: City campus

This subject examines many aspects of water as it affects finished buildings. These aspects are: disposal of unwanted water, and the diagnosis and remediation of dampness problems.

16053

Mentoring and Professional Development

4cp

Undergraduate

Semester offered: Subject to availability

Offered at: City campus

This subject develops mentoring and human communication skills which are vital in professional life. Emphasis is on developing leadership skills as responsibility is placed on

the mentors (final year students) to interact with their allocated students. The course aims to develop supervisory and management skills, training skills, and offers a controlled situation where the necessity for good communication skills can be learnt at first hand. This subject aims to address issues of first year students through input from final year students.

16054

Natural Disasters and Risk Assessment

4cp

Undergraduate

Semester offered: Subject to availability

Offered at: City campus

The subject aims at providing the student with the skills necessary to understand the level of risk associated with new and existing buildings. Students are taught the basic mechanisms responsible for causing natural disasters and how to statistically assess their likelihood of occurrence. Natural hazards and their management are examined together with risk assessment techniques and regimes, quantitative methods, risk reduction and management.

16055

Sustainable Building Technologies

4cp

Undergraduate

Semester offered: Subject to availability

Offered at: City campus

The subject aims at providing the student with the skills necessary to evaluate the embodied energy and energy efficiency of existing construction methods as well as introducing alternative and more energy efficient methods. It also covers the issues surrounding recycling of building materials.

16056

Building Control and Regulations

4cp

Undergraduate

Semester offered: Subject to availability

Offered at: City campus

This subject provides undergraduate students with an understanding of the New South Wales building control system and the technical requirements of the Building Code of Australia. It also provides students with sufficient knowledge for them to be able to review proposed building designs with respect to the fundamental requirements of the Building Code of Australia.

16057

The Evolution of Technology 1

4cp

Undergraduate

Semester offered: Autumn

Offered at: City campus

An exploration of the history of technology is the focus of this subject, as well as the role of invention and design innovation in the process of economic growth and social development. An introduction to chaos theory and complexity and the evolution of technology brings together two of the most potent forces in our history for exploration and analysis. The semester evaluates technology in the modern context of the sciences of complexity. The dialectic between technology and evolution is considered, as we gain evolutionary responsibility on the one hand and technological tools for this task on the other.

16058

The Evolution of Technology 2

4cp

Undergraduate

Semester offered: Spring

Offered at: City campus

This subject is based on an examination of a series of case studies of major technologies and their effect on economic growth and social development. There is particular emphasis on the role of 'growth poles' and competition, both in innovation and in the dissemination and adoption of new ideas, memes, materials, tools, methods and systems. The effects of technological change on the environment, the structure of the global economy and patterns of employment are considered. The rapid growth of communications and information technology is investigated in the context of employment, democracy and privacy issues. The potential impact on specific industries and their related professions over the next two decades is considered by constructing probable scenarios and use of foresighting techniques.

16059

International Construction

4cp

Undergraduate

Semester offered: Subject to availability

Offered at: City campus

International construction aims to introduce students to construction industry structure, practices and methods of construction adopted

in various parts of the world. The subject covers current practices and future trends in various countries and international approaches to construction procurement, management practices and construction resource availability, requirement and usage. It also covers: the impact of local economic, labour and technical parameters on construction management; staffing for international projects; and areas of competitive advantage in international construction.

16103

Building Science/Materials 1

6cp

Undergraduate

Semester offered: Autumn

Offered at: City campus

This subject looks at the basic principles of heat, light and sound as they apply to building design and material selection. It also examines the properties and behaviour of building materials, in particular the material properties of timber and steel and the testing thereof.

16104

Preparatory Studies

6cp

Undergraduate

Semester offered: Autumn

Offered at: City campus

This subject helps students to develop professional communication and computing skills. It covers basic research methodologies including library skills, information gathering, written communication skills, and academic and essay/report writing. It also includes oral presentation skills, industry orientation and basic technical drawing skills.

16105

Building Measurement

6cp

Undergraduate

Semester offered: Spring

Offered at: City campus

The aim of this subject is to give an introduction to the principles of building measurement. It covers basic building measurement (finishes, brickwork, in situ concrete, roofing), introduction to the Australian Standard Method of Measurement, set-out and notation; the preparation and uses of a bill of quantities and types of documentation formats in common use, measurement rules and procedures. The following topics are also covered:

volumes, areas, formulae, scientific notation, conversion of units (imperial to SI), ratios, trigonometry, basic statistics (means, median, standard distribution. Etc.) and the use of spreadsheets.

16106

Drawing and Surveying

6cp

Undergraduate

Semester offered: Spring

Offered at: City campus

In this subject, detailed instruction is given in manual drafting and graphic skills and the reading of construction drawings. Students are introduced to CAD work using 2D CAD packages. In terms of surveying, the subject covers the process of setting out works; extractions of information from surveying drawings, levels, contours; the choice of setting out techniques; the use of tape, level, theodolite and optical plummets; the NSW land title systems and the powers of public authorities. Fieldwork involving the use of building surveying equipment is undertaken.

16107

Planning and Design Process

6cp

Undergraduate

Semester offered: Spring

Offered at: City campus

This subject introduces students to the necessary skills and considerations for planning and design processes. It covers design principles, building regulations, approvals processes (DA, BA), environmental impact of buildings, integrated design, contextual issues which relate to human impact on the environment including environmental impact statements; economic theories of land use including urbanisation; effects of controls; provision of services; rehabilitation and renewal; welfare provision; transportation; decentralisation; heritage considerations; environmental law and procedures; powers of environmental protection agencies; global warming and ozone depletion; international conservation issues; and policy strategies and initiatives.

16108

Introduction to Law

6cp

Undergraduate

Semester offered: Autumn

Offered at: City campus

This subject is an introduction to the legal system in Australia including sources of law, the court system and the legal personnel. It includes a detailed study of contract law and an outline of criminal law, civil law, industrial law, insurance law, dispute resolution, property law and the law of business associations.

16109

Construction 1

6cp

Undergraduate

Semester offered: Autumn

Offered at: City campus

This subject introduces students to construction technology for residential buildings. The following topics are discussed: terminology and detail design of typical construction solutions; footings, floor, wall and roof framing, cladding, windows and doors, finishes and joinery; weatherproofing; model building; building regulations and standards, including fire safety. Full-time students are required to undertake a course of Practical Studies relating to the construction of simple building structures.

16120

Built Environmental Design

6cp

Undergraduate

Semester offered: Autumn

Offered at: City campus

This subject is an introduction to the built environment and the environmental impact of cities. The subject involves the study of the evolution, structure and environmental impact of cities, together with an overview of the history of architectural style. This subject also explores contemporary built environment issues, including sustainable urban forms, quality urban design, heritage and development and the appropriate design of buildings and neighbourhoods.

16123

Introduction to Property

6cp

Undergraduate

Semester offered: Autumn

Offered at: City campus

Through the delivery of lectures, seminars and case studies, this subject gives an introduction to property studies. It introduces the various property professions, the property market, property investment analysis and the methodology and technical tools used for valuing real estate.

16124

Property Accounting and Management

6cp

Undergraduate

Semester offered: Autumn

Offered at: City campus

This subject introduces basic accounting, the preparation and use of accounting information and the tools used; accounting concepts relating to business funds and cash flows; and the role and responsibility of the real estate agent in accounting procedures and record keeping.

16125

Property Economics

6cp

Undergraduate

Semester offered: Autumn

Offered at: City campus

Property economics introduces the students to the economics discipline with the focus on the property sector. Australia's economic system is examined including the role of government, its influence on the health of the property market, supply and demand analysis, elasticity of demand and supply, market structures, national income accounting and the business and property cycle, inflation, unemployment, fiscal policy, monetary policy, external policy.

16126

Appraisal and Statistics

6cp

Undergraduate

Semester offered: Spring

Offered at: City campus

Appraisal and statistics provide students with the elementary tools needed in undertaking and analysing property related mathematics and statistics. The mathematical component

encompasses the business application of percentages; compound interest and annuities. The majority of the subject is focused on statistical concepts and applications.

16127

Building Technology

6cp

Undergraduate

Semester offered: Spring

Offered at: City campus

This subject introduces students to the building and construction industry technology discipline with the focus on the property sector. The subject is divided broadly into two component parts. The first component acquaints the student with the nature of building construction by treating the building as a series of interconnected systems and components. The second component acquaints the student with the nature of multi-storey, multi-occupancy residential construction, industrial, commercial and high-rise construction by treating the building as a series of interconnected systems and components.

16128

Property Transactions

6cp

Undergraduate

Semester offered: Spring

Offered at: City campus

This subject gives an overview of contract law, criminal law, civil law, industrial law and insurance law; the principles and details of real estate law relating to agents, and consumer protection; and principles associated with the transfer and acquisition of property. It includes the study of the various Real Property Titles; and the study of the *Strata Schemes Freehold Development Act 1973* and the *Strata Schemes Management Act 1996*, and the responsibilities of the strata manager.

16129

Trust Accounting and Management

6cp; prerequisite[s]: 16124 Property Accounting and Management

Undergraduate

Semester offered: Spring

Offered at: City campus

The role and responsibilities of the real estate agent in relation to the accounting requirements of the *Property, Stock and Business Agents Act*, and residential property management in accordance with the *Residential Tenancies Act*.

16132**Development Appraisal A**

2cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

The objective of this subject is to acquaint students with the economic and political framework within which developers have to operate and to provide them with the necessary technical tools to carry out a full feasibility study of a development proposal, with a strong emphasis being placed on environmental considerations. Public sector projects are also considered.

16133**Construction Project 4A**

4cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject covers management of the construction process in the services, refurbishment and multi-building environments. It brings together much of the work developed in the earlier subjects but in new areas and at a more advanced level. The project case study concentrates on the physical sequencing and assembly of services, of refurbishment/recycling of obsolete buildings and of the commissioning and maintenance of buildings.

16134**Professional Practice A**

2cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

This course covers the history and definition of professionalism, the organisation of professions in the building field, responsibilities of consultant to client, third party and community, conditions of engagement and indemnity insurance.

16135**Project A**

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

This project involves the detailed investigation of a topic by literature search, laboratory experiment or survey and the production of a large report to a professional standard.

16143**Construction 2A**

4cp; prerequisite(s): 16111 Construction 1
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject looks at residential construction for multiple occupancy and is centred on terminology and detail design of typical attached housing, including: duplex, villa, townhouse, cluster housing and walk up flats. Topics include: footings, floor, wall and roof framing, cladding, windows and doors, finishes and joinery; interpreting architectural drawings and sketching construction details; building regulations; model making; industrial construction; terminology and detail design of typical industrial buildings; as well as concurrent practical studies and field work.

16144**Services 1A**

3cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

An introduction to electrical, air conditioning, vertical transportation and fire protection services and systems, this subject covers terminology, design and construction requirements.

16146**Construction Project 2A**

4cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

Management of the process is further advanced with the issue of materials handling formally addressed along with the management of safety. Negotiation is introduced. Time, cost, scope and quality management are further developed. Project case studies relating to multi-residential and industrial buildings are utilised in this subject. The analysis of relevant trades continues.

16147**Estimating 1A**

3cp; prerequisite(s): 16543 Quantities
Undergraduate
Semester offered: Autumn
Offered at: City campus

Centred on the development of techniques and skills for the pricing of construction work, this subject includes: conceptual and bid

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estimating; calculation of labour, material, plant, subcontract and indirect costs; pricing of bill of quantities items; and obtaining and checking subcontract quotations, and tendering procedures.

16148

Introduction to Law A

3cp

Undergraduate

Semester offered: Autumn

Offered at: City campus

This subject is an introduction to the legal system in Australia including sources of law, the court system and the legal personnel. It includes a detailed study of contract law and an outline of criminal law, civil law, industrial law, insurance law, dispute resolution, property law and the law of business associations.

16149

Structures 2A

3cp; prerequisite(s): 16901 Structures 1

Undergraduate

Semester offered: Autumn

Offered at: City campus

The following topics are covered in this subject:

Structures: The design of simple structural elements in timber steel and reinforced concrete related to the buildings studied in the subject 16146 Construction Project 2A and 16246 Construction Project 2S. Little additional analysis is covered; most is an application of materials.

Geomechanics: Soil characteristics, classification and lab testing and site investigation/monitoring. Design of footings taking into account soil stresses, immediate/long term settlements; gravity of sheetpile retaining walls. Geosynthetics in construction.

16170

Drawing and Surveying 2A

3cp; prerequisite(s): 16201 Drawing and Surveying 1

Undergraduate

Semester offered: Autumn

Offered at: City campus

Topics covered include the further use of drawing/s in the building industry context as a means of communication; introduction to the use of Computer-Aided Design (CAD) and its uses in the construction discipline; the application of practical building setting out,

checking and levelling techniques; and field work involving the use of building surveying equipment.

16171

Construction 3A

4cp; prerequisite(s): 16143 Construction 2A; 16243

Construction 2S

Undergraduate

Semester offered: Autumn

Offered at: City campus

The focus of this subject is multistorey commercial construction. Detailed attention is given to: footings, sub-surface drainage systems, basement construction, load-bearing wall systems, concrete framed buildings and steel framed buildings for multi-storey construction; transportation and placement of concrete; prestressed and post-tensioned concrete; prefabricated construction; scaffolding; building regulations together with concurrent practical studies and field work.

16172

Construction Project 3A

4cp

Undergraduate

Semester offered: Autumn

Offered at: City campus

The management of the building process is explored in this subject, concentrating on the physical sequencing and assembly of multi-storey or large construction. Emphasis is on the evaluation of techniques and technology of construction as linked to the human resource management issue. Multi-storey construction is examined in the case studies. The remaining trades are examined.

16173

Services 2A

2cp; prerequisite(s): 16144 Services 1A; 16244

Services 1S

Undergraduate

Semester offered: Autumn

Offered at: City campus

This subject includes an introduction to hydraulic, security services and systems, intelligent buildings and an in-depth study on coordination, integration, installation and inspection of services, safety and access requirements.

16174**Material Science 2A**

3cp; prerequisite(s): 16725 Material Science 1
Undergraduate
Semester offered: Autumn
Offered at: City campus

This is a detailed course in concrete technology emphasising those aspects of concrete properties which are relevant to the building site such as the properties and uses of mastics and sealants and the properties of surface coatings.

16175**Construction Law A**

3cp; prerequisite(s): 16148 Introduction to Law A;
16248 Introduction to Law S
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject is based on the tortious liability imposed by the law upon professionals, some major contractual problems related to the building industry and an outline of employment law and statutory industrial regulation.

16176**Construction 4A**

4cp; prerequisite(s): 16171 Construction 3A; 16271
Construction 3S
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject continues the analysis of multi-storey commercial construction. Topics include: shoring, formwork, stair and ramp construction; curtain walling, built-up roofing systems, doors and frames, partitions, suspended ceilings and finishes; construction techniques and equipment used for temporary works, site preparation and demolition; earthmoving and soil compaction equipment, compressed air services, piling systems and associated plant, dewatering, blasting equipment and landscaping; refurbishment and restoration of buildings; building and fire safety regulations and requirements; occupational health and safety; as well as concurrent practical studies and field work.

16177**Estimating 2A**

4cp; prerequisite(s): 16147 Estimating 1A; 16247
Estimating 1S
Undergraduate
Semester offered: Autumn
Offered at: City campus

A review of the techniques used in the preparation of competitive tenders for construction projects is undertaken. Tendering objectives and procedures are examined in detail. Topics include: bidding strategy theory and practice including statistical applications; risk analysis and risk evaluation theory; probabilistic estimating techniques; and cost planning in building construction.

16178**Structures 3A**

3cp; prerequisite(s): 16149 Structures 2A; 16249
Structures 2S
Undergraduate
Semester offered: Autumn
Offered at: City campus

Analysis of structural action is extended to statically indeterminate beams, frames and two-way reinforced concrete slabs. Computer analysis is used to examine structural action and to automatically design frame elements.

16179**Building Company Performance A**

3cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

The objective of this subject is to provide students with a thorough understanding of the financial operations of companies and the factors which affect their financial performance.

16180**Statistics A**

4cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject covers the study and use of statistical tools appropriate to construction economics; data collection and presentation, descriptive statistics, graphical techniques, probability and distribution, index numbers, statistical inference, time series, correlation and regression analysis; and computer-aided instruction and software applications.

16181

Construction 2A

4cp; prerequisite(s): 16115 Construction 1
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject looks at construction technology for low rise industrial and commercial buildings; terminology and detail design of typical construction solutions; steel framed and concrete framed structures; underpinning, retaining walls and basement waterproofing; load bearing wall systems; tilt-up and lift-up construction; precast floor and wall panels; roofing systems; site establishment, hoardings and temporary facilities; building regulations and standards, including fire safety; and concurrent practical studies and field work.

16182

Quantity Surveying 2A

4cp; prerequisite(s): 16501 Quantity Surveying 1
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject looks at the application of information technology and information exchange to the quantity surveyor. It also covers the following topics: future trends and the impact of computers on traditional roles; the investigation and use of specialist software and equipment for the measurement and presentation of quantities; measurement exercises involving superficial areas of construction elements as an introduction to cost planning; computer-aided design; and the automatic production of quantities.

16183

Legal Studies 1A

4cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

Legal Studies 1 introduces students to the legal system in Australia including sources of law, the court system and legal personnel. It covers international comparisons; and a detailed study of contract law and an outline of criminal law, civil law, industrial law, insurance law, property law, the law of business associations and dispute resolution.

16184

Estimating A

4cp; prerequisite(s): 16501 Quantity Surveying 1
Undergraduate
Semester offered: Autumn
Offered at: City campus

In this subject students learn about estimating practice and techniques, including the breakdown of construction costs into labour, material, plant, subcontract and indirect cost components, pricing of bill of quantities items, obtaining and checking subcontract quotations, pricing preliminaries and overheads, tender preparation and the application of computer software.

16185

Engineering Services A

4cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject is an introduction to hydraulic, electrical, airconditioning, vertical transportation and fire protection services and systems. It includes the study of the following: computer networks, security systems and monitoring technologies; terminology, design, coordination and construction requirements; the cost implications of engineering services; and intelligent buildings.

16186

Project Planning and Risk A

4cp; prerequisite(s): 16184 Estimating A; 16284 Estimating S
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject covers the following topics: construction planning techniques and time management; materials handling systems and their application; estimating project costs using activities and resources; techniques used in the preparation of competitive tenders for construction projects; tendering strategies, objectives and procedures; financing of construction projects; risk analysis, risk evaluation theory and computer modelling; and bidding theory and practice including statistical applications.

16187**Construction 3A**

4cp; prerequisite(s): 16181 Construction 2A; 16281 Construction 2S
Undergraduate
Semester offered: Autumn
Offered at: City

This subject focuses on construction technology for high rise commercial buildings; terminology and detail design of typical construction solutions; prestressed and post-tensioned concrete; curtain walling; built-up roofing systems; slip form and jump form construction; partitioning and suspended ceiling systems; scaffolding; prefabrication; innovation in construction; automation and robotics; building regulations and standards, including fire safety; and concurrent practical studies and field work.

16188**Quantity Surveying 3A**

4cp; prerequisite(s): 16182 Quantity Surveying 2A; 16282 Quantity Surveying 2S
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject teaches students about the preparation and uses of a bill of quantities and types of documentation formats in common use. They acquire competence in preparing trade packages within a bill of quantities in accordance with the current Australian Standard Method of Measurement. The subject also covers the following topics: measurement rules and procedures; the measurement of engineering services, such as hydraulics, electrical, mechanical and fire protection systems; and alternative methods of measurement.

16189**Legal Studies 2A**

4cp; prerequisite(s): 16183 Legal Studies 1A; 16283 Legal Studies 1S
Postgraduate
Semester offered: Autumn
Offered at: City campus

This subject is based on the tortious liability imposed by the law upon professionals, some major contractual problems related to the construction industry and an outline of employment law and statutory industrial regulation. Other topics include legal research and referencing skills; and international case studies. The subject may be undertaken in a distance learning mode.

16190**Cost Planning and Modelling A**

4cp; prerequisite(s): 16182 Quantity Surveying 2A; 16282 Quantity Surveying 2S
Undergraduate
Semester offered: Autumn
Offered at: City campus

In this subject students undertake an examination of the principles and practices of construction economics, including budgeting, design optimisation, preliminary estimating, cost planning and elemental cost analysis. They also look at the following: building price indices; international classification standards and practice; estimating the cost of engineering services; computerised cost modelling techniques; and computer applications.

16191**Economic Development A**

4cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

This is an introduction to the structure and performance of the Australian economy and the international economy, covering aspects of economics and economic theory relevant to the building and construction industry, property development and management. The course introduces the student to economic theory and a broad range of macroeconomic concepts, issues and policies in the context of the Australian economy and its relationship with the rest of the world.

16192**Contract Administration A**

4cp; prerequisite(s): 16183 Legal Studies 1A; 16283 Legal Studies S
Undergraduate
Semester offered: Autumn
Offered at: City campus

The principles and practice involved in the administration of construction contracts, including preparation of variations, progress claims, activity reports, cash flows and package-deal documentation are covered in this subject. Students look at the following: rise and fall provisions; general conditions of contract; specification writing; cost control of projects during construction; quality assurance; conflict management and dispute resolution; and an introduction to project management.

16193

Construction 4A

4cp; prerequisite(s): 16187 Construction 3A; 16287 Construction 3S
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject covers refurbishment and rehabilitation of buildings, adaptive re-use, demolition, and maintenance and defect rectification. It also looks at: workmanship problems, common building defects and their avoidance; waste minimisation and recycling; building regulations and standards, including fire safety; introduction to civil engineering construction; and concurrent practical studies and field work.

16194

Advanced Cost Engineering A

4cp; prerequisite(s): 16190 Cost Planning and Modelling A; 16290 Cost Planning and Modelling S
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject teaches students advanced evaluation techniques such as life-cost planning and analysis, cost-benefit analysis, multi-objective decision analysis, value management and post-occupancy evaluation. Students prepare feasibility studies for development projects, and learn about facilities management, energy auditing, environmental considerations and sustainable development.

16195

Economic Analysis A

4cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

Economic Analysis covers the application of industrial economics to the building and construction industry, using the structure-conduct-performance approach; the measurement of performance at the industry and project level; forecasting techniques and the relationship between business and building cycles; analysis of the linkage of the building and property industries; the process of structural change and the emergence of the international building and construction industry; the impacts of information and communications technology on the industry and the role of innovation in the construction process; and strategic planning for business.

16196

Quantity Surveying Practice A

4cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject is a critical examination of the quantity surveying profession and its future. It covers the following topics: professional practice, ethics and codes of conduct; professional liability and indemnity; taxation law and depreciation; setting up and running a professional practice; organisational theory and management; industrial relations; international construction and opportunities; and topical issues affecting the profession and the industry.

16200

QS Project A

12cp; alternative to 16196 Quantity Surveying Practice A (4cp), 16296 Quantity Surveying Practice S (4cp) and unspecified elective (4cp)
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject requires students to prepare and submit a major project, involving the detailed study of an individual topic related to the field of construction economics.

16203

Estimating

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject covers intermediate building measurement including woodwork, steelwork, pre-stressed/pre-cast concrete and services. It allows students to develop the skills and techniques for the pricing of construction costs, including builders' bills, materials, labour, plant, sub-contract and indirect costs. Students are introduced to software such as Buildsoft and Cordells Estimator.

16204**Construction 2**

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject looks at the construction technology associated with medium density residential and industrial buildings. Students are introduced to the performance and construction details of the relevant building components and are required to supplement this knowledge with case study reports. Full-time students are required to undertake a course of Practical Studies relating to the construction of simple building structures.

16205**Services 1**

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject provides an introduction to electrical, air conditioning, vertical transportation, and fire protection services and systems, covering terminology, design and construction requirements. It also includes an introduction to intelligent buildings and an in-depth study of coordination, integration, installation and inspection of services, and safety and access requirements.

16206**Structural Appreciation**

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject introduces students to the principles of structural behaviour, it explains the loads acting on simple and complex structures and demonstrates how these loads are supported by structural members and transmitted to the footings of a structure. The subject also provides an introduction to the behaviour of soil and rock foundation materials and how these interact with the structure. Students learn how to calculate the internal forces/moments developed in simple structures. Approximate formulae for the capacity of timber structures are developed and compared with the applied forces/moments found in simple beam and column structures typical of those found in residential construction. The theoretical sizing of timber structural members

is then compared with the sizes obtained using the Australian Standard Timber Framing Code.

16207**Building Economics 1**

6cp
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject introduces students to costing and estimating skills relevant to construction economics. It covers macro/micro economics, cost planning, cost engineering, concise methods of measurement, civil engineering measurement, advanced estimating techniques, costing services, probabilistic estimating techniques, and conceptual and bid estimating.

16208**Integrated Case Study 1**

6cp
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject introduces students to the construction industry by means of a simple case study involving management of the construction of a small building.

16209**Building Science/Materials 2**

6cp
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject looks at advanced principles of heat, light and sound as they apply to building design. It examines in detail issues such as the embodied energy of materials and the life cycle of building materials as they relate to sustainable development. The subject also focuses on the material properties of concrete, soil and rocks and the testing thereof.

16225**QS Project (Summer)**

12cp; (one semester); part of the Semester Bridge (Summer term)
Undergraduate
Semester offered: Summer
Offered at: Distance learning (off campus)

This subject requires students to prepare and submit a major project, involving the detailed study of an individual topic related to the field

of construction economics. The subject has a distance learning component which prepares students prior to formal commencement.

16231

Commercial Property Management

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

Through the delivery of lectures, seminars and case studies this subject intensively examines the management of commercial property. It covers the various lease structures, the role of the property manager, including the enforcement of the lease conditions, the statutory requirements, and budgeting and forecasting.

16232

Property and Political Economy

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject introduces the major themes in the history and theory of property with an emphasis on rental theory and development; the political economy of land rental and its impact on society; and rights and obligations pertaining to property. Issues for current practice are examined including customary tenure, environmental concerns, land taxation, equity and intercultural contrasts.

16233

Urban Planning Process

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject focuses on the regulation of the land development process by analysing the nature and necessity for planning. Students are introduced to the contemporary structure of the NSW planning system, enabling an understanding of the plan-making process and power relations between the State, local consent authorities, the community and the agents of development. A key focus is to allow students to recognise the application of sound planning and design practice in the fields of residential and commercial development.

16234

Valuation Methods

6cp; prerequisite(s): 16126 Appraisal and Statistics
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject is an in-depth study of the role, functions and obligations of the valuation profession. Areas studied include: methods of valuation; time value of money; measures of rates and return; and the use of statistical analyses in valuation practice.

16235

Urban Economics

6cp
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject introduces students to, for example, economics, demographics, geography, planning and political science incorporated within the coursework.

16236

Property Cash Flow Analysis

6cp; prerequisite(s): 16126 Appraisal and Statistics
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject examines application and theory of cash flow analysis; discounted cash flow analysis with computer modelling; working capital management forecasting and theory; various forms of risk analysis, including sensitivity and scenario analysis with computer skills; and forecasting and validity issues. It introduces forecasting approaches including regression, time series and chaos and examines validity of forecasting for future property variables in cash flow valuation.

16237

Property Taxation

6cp
Undergraduate
Semester offered: Spring
Offered at: City

This subject analyses various forms of taxation relating to property holdings and property investment; income tax, capital gains taxation, depreciation allowances, land tax, stamp duties and goods and services tax; taxation of trusts; negative gearing; and alternative forms of taxation and their likely impacts on the property industry.

16238**Research Methods**

6cp
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject is designed to give students skills to select and use appropriate procedures in research and project studies and to understand and manage research projects.

16243**Construction 2S**

4cp; prerequisite(s): 16111 Construction 1; 16143 Construction 2A
Undergraduate
Semester offered: Spring
Offered at: City campus

Continuation of 16143.

16244**Services 1S**

3cp; prerequisite(s): 16144 Services 1A
Undergraduate
Semester offered: Spring
Offered at: City campus

Continuation of 16144.

16246**Construction Project 2S**

4cp; prerequisite(s): 16146 Construction Project 2A
Undergraduate
Semester offered: Spring
Offered at: City campus

Continuation of 16146.

16247**Estimating 1S**

3cp; prerequisite(s): 16543 Quantities; 16147 Estimating 1A
Undergraduate
Semester offered: Spring
Offered at: City campus

Continuation of 16147.

16248**Introduction to Law S**

3cp; prerequisite(s): 16148 Introduction to Law A
Undergraduate
Semester offered: Spring
Offered at: City campus

Continuation of 16148.

16249**Structures 2S**

3cp; prerequisite(s): 16901 Structures 1; 16149 Structures 2A
Undergraduate
Semester offered: Spring
Offered at: City campus

Continuation of 16149.

16253**Development Appraisal S**

2cp; prerequisite(s): 16132 Development Appraisal A
Undergraduate
Semester offered: Spring
Offered at: City campus

Continuation of 16132.

16254**Construction Project 4S**

4cp; prerequisite(s): 16172 Construction Project 3A; 16272 Construction Project 3S; 16133 Construction Project 4A
Undergraduate
Semester offered: Spring
Offered at: City campus

Continuation of 16133.

16255**Professional Practice S**

2cp; prerequisite(s): 16134 Professional Practice A
Undergraduate
Semester offered: Spring
Offered at: City campus

Continuation of 16134.

16256**Project S**

6cp; prerequisite(s): 16135 Project A
Undergraduate
Semester offered: Spring
Offered at: City campus

Continuation of 16135.

16270**Drawing and Surveying 2S**

3cp; prerequisite(s): 16201 Drawing and Surveying 1; 16170 Drawing and Surveying 2A
Undergraduate
Semester offered: Spring
Offered at: City campus

Continuation of 16170.

150 Subject descriptions

16271

Construction 3S

4cp; prerequisite(s): 16143 Construction 2A; 16243 Construction 2S; 16171 Construction 3A

Undergraduate

Semester offered: Spring

Offered at: City campus

Continuation of 16171.

16272

Construction Project 3S

4cp; prerequisite(s): 16146 Construction Project 2A; 16246 Construction Project 2S; 16172 Construction Project 3A

Undergraduate

Semester offered: Spring

Offered at: City campus

Continuation of 16172.

16273

Services 2S

2cp; prerequisite(s): 16144 Services 1A; 16244 Services 1S; 16173 Services 2A

Undergraduate

Semester offered: Spring

Offered at: City campus

Continuation of 16173.

16274

Material Science 2S

3cp; prerequisite(s): 16725 Material Science 1; 16174 Material Science 2A

Undergraduate

Semester offered: Spring

Offered at: City campus

Continuation of 16174.

16275

Construction Law S

3cp; prerequisite(s): 16148 Introduction to Law A; 16248 Introduction to Law S; 16175 Construction Law A

Undergraduate

Semester offered: Spring

Offered at: City campus

Continuation of 16175.

16276

Construction 4S

4cp; prerequisite(s): 16171 Construction 3A; 16271 Construction 3S; 16176 Construction 4A

Undergraduate

Semester offered: Spring

Offered at: City campus

Continuation of 16176.

16277

Estimating 2S

3cp; prerequisite(s): 16147 Estimating 1A; 16247 Estimating 1S; 16177 Estimating 2A

Undergraduate

Semester offered: Spring

Offered at: City campus

Continuation of 16177.

16278

Structures 3S

3cp; prerequisite(s): 16149 Structures 2A; 16249 Structures 2S; 16178 Structures 3A

Undergraduate

Semester offered: Spring

Offered at: City campus

Continuation of 16178.

16279

Building Company Performance S

3cp; prerequisite(s): 16179 Building Company Performance A

Undergraduate

Semester offered: Spring

Offered at: City campus

Continuation of 16179.

16280

Statistics S

4cp; prerequisite(s): 16180 Statistics A

Undergraduate

Semester offered: Spring

Offered at: City campus

Continuation of 16180.

16281

Construction S

4cp; prerequisite(s): 16115 Construction 1; 16181 Construction 2A

Undergraduate

Semester offered: Spring

Offered at: City campus

Continuation of 16181.

16282

Quantity Surveying 2S

4cp; prerequisite(s): 16501 Quantity Surveying; 16182 Quantity Surveying 2A

Undergraduate

Semester offered: Spring

Offered at: City campus

Continuation of 16182.

16283**Legal Studies 1S**

4cp; prerequisite(s): 16183 Legal Studies 1A
Undergraduate
Semester offered: Spring
Offered at: City campus
Continuation of 16183.

16284**Estimating S**

4cp; prerequisite(s): 16501 Quantity Surveying 1;
16184 Estimating A
Undergraduate
Semester offered: Spring
Offered at: City campus
Continuation of 16184.

16285**Engineering Services S**

4cp; prerequisite(s): 16185 Engineering Services A
Undergraduate
Semester offered: Spring
Offered at: City campus
Continuation of 16185.

16286**Planning Project and Risk S**

4cp; prerequisite(s): 16184 Estimating A; 16284
Estimating S; 16186 Planning Project and Risk A
Undergraduate
Semester offered: Spring
Offered at: City campus
Continuation of 16186.

16287**Construction 3S**

4cp; prerequisite(s): 16181 Construction 2A; 16281
Construction 2S; 16187 Construction 3A
Undergraduate
Semester offered: Spring
Offered at: City campus
Continuation of 16187.

16288**Quantity Surveying 3S**

4cp; prerequisite(s): 16182 Quantity Surveying 2A;
16282 Quantity Surveying 2S; 16188 Quantity
Surveying 3A
Undergraduate
Semester offered: Spring
Offered at: City campus
Continuation of 16188.

16289**Legal Studies 2S**

4cp; prerequisite(s): 16183 Legal Studies 1A; 16283
Legal Studies 1S; 16189 Legal Studies 2A
Undergraduate
Semester offered: Spring
Offered at: City campus
Continuation of 16189.

16290**Cost Planning and Modelling S**

4cp; prerequisite(s): 16182 Quantity Surveying 2A;
16282 Quantity Surveying 2S; 16190 Cost Planning
and Modelling A
Undergraduate
Semester offered: Spring
Offered at: City campus
Continuation of 16190.

16291**Economic Development S**

4cp; prerequisite(s): 16191 Economic Development A
Undergraduate
Semester offered: Spring
Offered at: City campus
Continuation of 16191.

16292**Contract Administration S**

4cp; prerequisite(s): 16183 Legal Studies 1A; 16283
Legal Studies 1S; 16192 Contract Administration A
Undergraduate
Semester offered: Spring
Offered at: City campus
Continuation of 16192.

16293**Construction 4S**

4cp; prerequisite(s): 16187 Construction 3A; 16287
Construction 3S; 16193 Construction 4A
Undergraduate
Semester offered: Spring
Offered at: City campus
Continuation of 16193.

16294**Advanced Cost Engineering S**

4cp; prerequisite(s): 16190 Cost Planning and
Modelling A; 16290 Cost Planning and Modelling S;
16194 Advanced Cost Engineering A
Undergraduate
Semester offered: Spring
Offered at: City campus
Continuation of 16194.

152 Subject descriptions

16295

Economic Analysis S

4cp; prerequisite[s]: 16195 Economic Analysis A
Undergraduate
Semester offered: Spring
Offered at: City campus
Continuation of 16195.

16296

Quantity Surveying Practice S

4cp; prerequisite[s]: 16196 Quantity Surveying Practice A
Undergraduate
Semester offered: Spring
Offered at: City campus
Continuation of 16196.

16297

QS Project S

6cp; alternative to 16196 Quantity Surveying Practice A (4cp), 16296 Quantity Surveying Practice S (4cp) and unspecified elective (4cp); 16200 QS Project A
Undergraduate
Semester offered: Spring
Offered at: City campus
Continuation of 16200.

16300

Industry Studies

12cp
Undergraduate
Semester offered: Summer session
Offered at: City campus

This subject involves the analysis of project case studies collected in-country. Ten projects of similar type are examined critically and quantitatively using statistical tools as appropriate. Construction performance is assessed by comparison of these projects with those collected by other students. The subject culminates in a group presentation that aims to highlight international best practice and the significance of different industry cultures.

16307

Integrated Case Study 2

6cp
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject consists of a simulated construction management exercise involving consideration of all management issues relating to the construction of a major building

structure. Students will be presented with full documentation of a major building structure and will be required to address all issues relating to the management of its construction.

16308

Services 2

6cp
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject provides an introduction to hydraulic, security services and systems, intelligent buildings and an in-depth study on coordination, integration, installation and inspection of services, safety and access requirements.

16313

Building Economics 2

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject examines the financial and economic issues of relevance to the construction industry, including the application of industrial economics within the industry, the measurement of performance, forecasting techniques and the relationship between business and building cycles, and the process of structural change.

16314

Construction 3

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject looks at the construction technology associated with multistorey residential and commercial construction as well as civil engineering works such as piling and roadworks. Students are introduced to the performance and constructional details of the relevant building components and are required to supplement this knowledge with case study reports. Special focus is given to temporary works such as scaffolding and dewatering. Full-time students are required to undertake a course of Practical Studies relating to the construction of simple building structures.

16315**Structural Behaviour**

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject builds on the knowledge developed in 16206 Structural Appreciation by extending the principles developed for timber to the behaviour of concrete and steel structures. The interaction of concrete elements with foundation materials is also given more detailed consideration. Simple calculation techniques are used to illustrate the rationale behind various construction details and special emphasis is given to the structural behaviour of temporary structures.

16316**Building Company Performance**

6cp
Undergraduate
Semester offered: Spring
Offered at: City campus

The objective of this subject is to provide students with a thorough understanding of the financial operations of companies and the factors that affect their financial performance. Students are acquainted with accounting principles, analysis of financial statements, methods of capital budgeting, and preparation of feasibility studies.

16331**Specialised Valuation**

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject is an in-depth study of the more specialised areas in the valuation profession. Capitalisation, summation and replacement cost approaches are developed.

16332**Investment and Portfolio**

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject is an in-depth study of the methods and techniques of investment and portfolio management, and a study of the asset allocation process and risk and return with an introduction to the techniques of investment and portfolio analysis.

16333**Statutory Valuation and Litigation**

6cp
Undergraduate
Semester offered: Spring
Offered at: City campus

Valuation case law is discussed in this subject. Expert witness testimony and specialist report writing are covered with particular reference to professional negligence.

16334**Development Management**

6cp; prerequisite(s): 16126 Appraisal and Statistics
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject looks at aspects of the management of projects under development or undergoing major maintenance: client needs determination; procurement methods; design management including cost planning and buildability; approvals management. It also covers development of maintenance standards for and estimate of live components of buildings; maintenance budgets; and assessing the effects of design on maintenance and recording operating cycles of plant and equipment.

16335**Advanced Valuation**

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

The subject is designed to provide an extensive and in-depth knowledge of property feasibility studies for development and investment projects. Practical studies and fieldwork are included as part of the requirement for this subject.

16336**Property Title and Tenure**

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject covers the origin and nature of property title and tenure in NSW; issues in the determination of the physical extent of property title; property title records and information systems; physical delineation of property title; introduction to cadastral surveying; and plan use, elementary surveying geometry and drafting.

154 Subject descriptions

16337

Professional Property Practice

6cp

Undergraduate

Semester offered: Spring

Offered at: City campus

This subject covers social and ethical implications of property practice; professional and commercial ethics; approaches to ethical thought, including historical and cultural precedents; rational realist construction of ethics and applications in property practice; key cultural trends and intercultural issues for future property practice and investment; history and theory of professionalism; and comparative location of property and professionalism within western social institutions.

16338

International Property Investment

6cp

Undergraduate

Semester offered: Spring

Offered at: City campus

Through the delivery of lectures, seminars and case studies this subject analyses the factors that determine foreign real estate investment; examining the underlying factors that determine the level of such investment with particular focus on Australia and the Pacific region.

16421

Construction Law and Practice

6cp

Undergraduate

Semester offered: Autumn

Offered at: City campus

This subject is based on the tortious liability imposed by the law upon professionals, some major contractual problems related to the building industry and an outline of employment law and statutory industrial regulation. It also provides students with an understanding of the issues of professional responsibility and practice within the project management discipline, including issues of ethics.

16422

Site Management

6cp

Undergraduate

Semester offered: Autumn

Offered at: City campus

This subject looks at management issues relating to the smooth running of a building project. Specific issues addressed include site administration, industrial relations, site safety, materials handling and environmental issues. Case studies are undertaken by students to reinforce these concepts.

16423

Contract Administration

6cp

Undergraduate

Semester offered: Spring

Offered at: City campus

This subject involves the detailed study of construction contracts. Principles and practice involved in the administration of construction contracts, including preparation of variations, progress claims, sub-contract management, activity reports, cash flows and package-deal documentation are covered in this subject. Students look at the following: rise and fall provisions; general conditions of contract; specification writing and cost control of projects during construction.

16424

Construction MIS

6cp

Undergraduate

Semester offered: Spring

Offered at: City campus

This subject considers the emerging role of information technology in the design, procurement, construction and operation of construction projects. It looks at virtual project teams and the interconnections necessary to enable effective workflows. The subject also covers shared project models and the systems that support them, communication strategies, virtual projects, the use of CAD in realising virtual models, as well as the next generation of software tools and their likely application.

16660**Honours Research Proposal (Hons)**

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject explores the principles and approaches for doing research and prepares the students to develop their Honours research proposal.

16661**Property Analysis (Hons)**

6cp
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject develops problem-solving strategies in the conduct of property research and in addition, develops skills in oral presentation.

16662**Honours Thesis A**

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

In this subject and in 16663 Honours Thesis B, students research a detailed, in-depth and supervised study of an individual topic related to the field of property study. Preparation and submission of a 25,000 word report comprises identification of a problem, a thorough literature review of the topic and development of a solution based on a selected research methodology.

16663**Honours Thesis B**

6cp
Undergraduate
Semester offered: Spring
Offered at: City campus

Continuation of 16662.

16904**Building Research 1**

6cp
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject teaches students to identify and locate sources of building and construction information, and allows them to develop advanced research techniques. Topics covered

include the implementation of electronic information retrieval techniques, library and Internet searching, accessing online databases and other resources, referencing skills and research methodology. Students are required to undertake a meaningful review of literature on a nominated topic related to the construction industry.

16905**Building Research 2**

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject builds on the research skills developed in 16904 Building Research 1. Students learn to set appropriate research aims and objectives and to formulate a research hypothesis. The subject allows students to develop data collection skills including original data collection on a nominated topic, survey design, methods of statistical analysis and interpretation and an understanding of data collection procedures and protocols.

16906**Honours Elective: Thesis**

12cp
Undergraduate
Semester offered: Full year – Autumn enrolment
Offered at: City campus

The Honours thesis subject requires students to prepare and submit a major dissertation, involving the detailed analysis, critique and write-up of an original investigation into a topic related to construction management, construction economics or project management. Students build on their previously completed literature review and expand that research through the analysis of original data collected in 16905 Building Research 2.

16910**Project Management 1**

6cp
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject is an introduction to the discipline of project management, covering in brief the concepts of project integration, scope, time, cost, quality, human resources, communications, risk, and procurement management. Lectures are delivered in a generic manner

with specific tutorials relating to the discipline of individual students.

16912

Project Management 2

6cp

Undergraduate

Semester offered: Spring

Offered at: City campus

This subject examines in detail the project management issues of time and cost management. Lectures are delivered in a generic manner with specific tutorials relating to the discipline of individual students.

16913

Project Management 3

6cp

Undergraduate

Semester offered: Spring

Offered at: City campus

This subject looks in detail at the project management issues of quality and human resource management. Lectures are delivered in a generic manner with specific tutorials relating to the discipline of individual students.

16914

Project Management 4

6cp

Undergraduate

Semester offered: Spring

Offered at: City campus

This subject looks in detail at the project management issues of integration, scope, communications, risk, and procurement management. Lectures are delivered in a generic manner with specific tutorials relating to the discipline of individual students.

16991

Property Economic Issues

6cp

Undergraduate

Semester offered: Autumn enrolment

Offered at: City campus

This subject allows students to extend their breadth of knowledge and understanding of current and future major economic issues. The issues are viewed from a macro and micro perspective, i.e. from a national and property industry outlook. Issues examined during the course of the subject include key demographic changes; immigration; urban labour force; housing; urban transport; quality of life; privatisation and globalisation.

16992

Planning and Political Economy

6cp

Undergraduate

Semester offered: Autumn, Spring

Offered at: City campus

This subject includes an advanced study of the political economy of property with a focus on the relationship between planning, property value and national economic and social goals; concepts including betterment, the common good and property are investigated with their ethical implications; and various resolutions of the problem of property are critically appraised.

16993

Facility Evaluation

6cp

Undergraduate

Semester offered: Autumn, Spring

Offered at: City campus

The evaluation and management of facilities is the central focus of this subject. It examines the quality and performance of existing and proposed buildings and facilities in terms of design, function, environmental impact, user comfort, aesthetics, safety, management and other matters. An emphasis is placed on the performance of facilities in relation to user needs and the support provided by facilities in terms of the core business of an organisation.

16xxx

Advanced Procurement Methods

6cp

Undergraduate

Semester offered: Spring

Offered at: City campus

This subject provides a detailed examination of innovative and emerging methods of procuring built facilities. The following topics are covered: risk allocation, innovative project financing options, supply chain management and lean construction. It also focuses on the evaluation and selection of procurements for different types of projects, such as design – build, operate and transfer (BOT), build, own, operate and transfer (BOOT), partnering, alliance contracts and private public partnerships (PPP).

16xxx**Financing Construction Projects**

6cp
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject examines in detail the various financing options for construction projects including joint ventures, private finance infrastructure/initiatives, international collaborations and project finance options involving government guarantees, offtake agreements and producer payments.

16xxx**Advanced Project Analysis**

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject extends students' knowledge of feasibility studies and look at quantifying the social and environmental impacts of private and public projects. Issues such as consumer surplus and shadow pricing of public goods are covered as well as the allocation of risks on unusual development projects. A case study involving a public private partnership (PPP) is evaluated by the students.

16xxx**Industry Economics**

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject examines in detail the macro and microeconomic climate in which building companies operate. It covers forecasting techniques and strategic management options. It also considers the emergence of the international building and construction industry, the impacts of information and communications technology on the industry and the role of innovation in the construction process.

16xxx**International Construction**

6cp
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject aims to introduce students to construction industry structure, practices and methods of construction adopted in various parts of the world. The subject covers current

practices and future trends in various countries and international approaches to construction procurement, management practices and construction resource availability, requirement and usage. It also covers the impact of local economic, labour and technical parameters on construction management; staffing for international projects; and areas of competitive advantage in international construction.

16xxx**Sustainable Building Technology**

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject aims at providing the student with the skills necessary to evaluate the embodied energy and energy efficiency of existing construction methods as well as introducing alternative and more energy efficient methods. It also covers the issues surrounding recycling of building materials and alternative energy sources and issues affecting the interaction between economic development and environmental protection. It includes an understanding of the importance of ecologically sustainable development and the provision of strategic advice on the most effective use of resources over a project's life cycle. Advanced selection criteria and the measurement of sustainability are discussed in the context of political, legal, ecological and societal considerations.

16xxx**Building Assessment**

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject aims at providing the student with the skills necessary to assess the technical condition of new and existing buildings; methods appropriate to each of the various building components (including services) are covered. The subject includes the assessment of the technical condition of existing buildings and the impact of that condition on possible future use of a building, detailed knowledge of the construction methods used in the past and the likely deterioration with time that would be expected of the building elements.

16xxx

Advanced Construction Technologies

6cp

Undergraduate

Semester offered: Spring

Offered at: City campus

This elective subject examines the structure and performance of various building structures (such as space frames) which are not generally covered within the core part of the program. It also looks at innovative building systems examines issues such as the performance of buildings under unusual loading conditions and in fires. The subject also considers the latest developments in construction technology both within Australia and overseas. Students are required to evaluate these techniques to identify their applicability to the local building industry.

16xxx

Expert Witness

6cp

Undergraduate

Semester offered: Spring

Offered at: City campus

This subject comprises experience at giving expert testimony. Topics include the purpose and role of an expert witness, the context within which expert testimony is delivered, rules of evidence and natural justice, examination and cross-examination and the law relating to consultants in the construction industry. Students are required to research a particular area of dispute, prepare a written report and participate in a mock tribunal hearing.

16xxx

Evolution of Technology

6cp

Undergraduate

Semester offered: Autumn

Offered at: City campus

The focus of this subject is the exploration of the history of technology and the role of invention and design innovation in the process of economic growth and social development. An introduction to chaos theory and complexity and the evolution of technology brings together two of the most potent forces in our history for exploration and analysis. The subject evaluates technology in the modern context of the sciences of complexity. The dialectic between technology and evolution is considered.

16xxx

Professional Practice

6cp

Undergraduate

Semester offered: Autumn

Offered at: City campus

This subject covers the operation of building companies and consultancies within the building profession, including a detailed examination of statutory requirements, preparation of business plans and essentials of business administration. Topics covered include professional indemnity, industrial relations, public liability and other topical issues affecting the construction industry.

16xxx

Building Control and Regulations

6cp

Undergraduate

Semester offered: Spring

Offered at: City campus

This subject provides students with an understanding of the NSW building control system and the technical requirements of the Building Code of Australia.

16xxx

Fire Dynamics

6cp

Undergraduate

Semester offered: Spring

Offered at: City campus

This subject covers basic fire engineering fundamentals: problem-focused and applied-learning techniques in the areas of fluid dynamics, mass transfer and heat transfer.

16xxx

Performance-based Certification

6cp

Undergraduate

Semester offered: Autumn

Offered at: City campus

This subject teaches students to assess and understand the intent of codes and regulations. It also covers regulatory making processes and drafting of building regulations, the Building Code of Australia, performance versus prescriptive provisions and alternative design solutions, case studies, the certification process, the certification of major buildings, specific fire design processes, and procedural requirements of the Fire Engineering Design Guidelines.

16xxx**Fire Safety Systems**

6cp

Undergraduate

Semester offered: Autumn

Offered at: City campus

This subject covers in detail all the fire safety subsystems and terms of their contribution to life safety, property protection, contents protection, etc., regarding their criteria, performance, operation, maintenance and control; including case studies.

16xxx**Human Behaviour in Fire**

6cp

Undergraduate

Semester offered: Spring

Offered at: City campus

This subject looks at various issues to do with human behaviour in fire. Topics covered include occupant characteristics, cues, response, egress simulation and design, egress systems, wayfinding, tenability criteria, design methodologies and verification.

171200**Heritage and Development (Extended)**

6cp

Postgraduate

Semester offered: Autumn or Spring (subject to availability)

Offered at: City campus

This subject is centred on the development of sites of heritage significance, including both statutory and strategic planning issues and practice and alternative solutions and approaches to the development of historic buildings and precincts. It also covers the evaluation of the statutory and community processes involved in heritage issues. This subject comprises the lecture/seminar material as for 17120 Heritage and Development (4cp) with the addition of a further item of assessment related to the objectives of the subject to be negotiated to address specific interests of the student.

17121**Native Title**

6cp

Postgraduate

Semester offered: Autumn or Spring (subject to availability)

Offered at: City campus

Land rights history, and the Mabo decision are the topics covered in this subject, as well as *Native Title Act 1993* and the Indigenous Land Fund, alternative approaches to land claims and management, and interface between stakeholders and current land management controls.

17122**Environmentally Sustainable Development**

6cp

Postgraduate

Semester offered: Autumn or Spring (subject to availability)

Offered at: City campus

Topics for detailed study are selected from the following: cultural, political and financial influences underpinning and guiding the built environment in relation to the ecology and to sustainability. The subject covers effective planning and design processes and systems; historical and philosophical origins of the modern environmental movement; the history and nature of environmental legislation; the role of authorities and planning instruments in relation to environmental assessment and planning; sustainability and city planning; traffic, waste and water management; building design for sustainability; environmental economics; environmentally responsible development and life cycle costs; environmental risk management; the environmental audit process; environmental management planning; and application to a real development project.

17517**Research Methodology**

4cp

Postgraduate

Semester offered: Autumn or Spring (subject to availability)

Offered at: City campus

This subject covers research methods and includes a study of the research process, research design, sampling, and estimation of sample size. Students study computer applications, with an introduction to computer analysis using the SPSS-X package. Students

also study statistical methodology, which incorporates elementary statistical analysis, with emphasis on non-parametric statistics. Theory generation is also part of the subject.

17518

Advanced Property Development

6cp
Postgraduate
Semester offered: Autumn or Spring (subject to availability)
Offered at: City campus

The subject gives students an advanced knowledge of the property development process and its decision making. As part of the subject, there is an extensive use of DCF analysis.

17519

Property Research Methods

6cp
Postgraduate
Semester offered: Autumn or Spring (subject to availability)
Offered at: City campus

Research methods: students study the research process, research and questionnaire design, sampling, estimation and sample size, etc., and their application to property situations. Statistical methodology: students study elementary statistical analysis, with emphasis on non-parametric statistics. Theory generation and review of relevant property research literature is also covered. Students are given an introduction to relevant statistical computer packages.

17701

Environment and Control

6cp
Postgraduate
Semester offered: Autumn or Spring (subject to availability)
Offered at: City campus

This subject covers the following topics: property development and statutory control processes, including both statutory and strategic planning issues and practice; alternative solutions and approaches to environmental issues and sustainable development; community consultation and dispute resolution; and communication of strategic advice to stakeholders on environmental issues.

17703

Property Taxation

6cp
Postgraduate
Semester offered: Autumn or Spring (subject to availability)
Offered at: City campus

This subject involves the following: the analysis of various forms of taxation relating to property holdings and property investment; income tax, capital gains taxation, depreciation allowances, land tax and stamp duties; taxation of trusts; negative gearing and alternative forms of taxation and their likely impacts on the property industry.

17704

Property Development Finance

6cp
Postgraduate
Semester offered: Autumn or Spring (subject to availability)
Offered at: City campus

This subject covers the following topics: sources and types of finance available for various property developments; debt versus equity; specialised financing techniques, including hybrids, long-term and offshore finance; project finance; and evaluation techniques and risk management.

17705

Contemporary Issues in Property

6cp
Postgraduate
Semester offered: Autumn or Spring (subject to availability)
Offered at: City campus

The content and topics of this subject vary from year to year, depending on the topicality of particular issues. The subject aims to present students with an advanced understanding of current issues affecting the property industry. Specialists from both academic and industry backgrounds present and discuss issues.

17706**Research Project – Master of Property Development**

18cp

Postgraduate

Semester offered: Autumn or Spring (subject to availability)

Offered at: City campus

In this subject students undertake a detailed, in-depth and supervised study of an individual topic related to the field of property economics. They prepare and submit a 25,000-word thesis which comprises identification of a problem, a thorough literature review of the topic and development of a solution based on a selected research methodology. The work should make a contribution to existing knowledge in the field.

81020**Management Techniques and Design**

4cp

Postgraduate

Semester offered: Autumn

Offered at: City campus

This subject provides students with a working knowledge of the range of management skills and techniques used in the planning and control of design projects, including product development strategies. It consists of a series of seminars/tutorials, case studies and assignments concerned with such topics as: task scheduling; planning systems and control models; program evaluation and review techniques; critical path monitoring; organisation development; personnel recruitment and staffing structures; organisational models; and union and labour relations.

81022**Desktop Publishing**

4cp

Postgraduate

Semester offered: Autumn

Offered at: City campus

This subject provides a working knowledge of desktop publishing applications of particular relevance to design. A series of lectures and seminars/tutorials is undertaken to provide a working knowledge in the use of the Macintosh platform for a range of applications such as word processing, desktop publishing, scanning and graphics.

81024**Computer Graphics 1**

4cp

Postgraduate

Semester offered: Autumn, Spring

Offered at: City campus

This subject provides an introduction to the application of graphics software to specific design projects.

81025**Design History**

4cp

Postgraduate

Semester offered: Spring

Offered at: City campus

This subject gives a historical perspective on design and designers, with particular emphasis on Australian design history. Lectures, seminars and tutorials are concerned with such topics as style, artifacts, communications, environment and culture, and group studies on different aspects of the technology/society interface.

81030**3D Computer Animation 2**

4cp

Postgraduate

Semester offered: Spring

Offered at: City campus

This subject develops and expands the basic knowledge of both the theory and operation of computer animation as learnt in 81925 3D Computer Animation 1, using Maya software on the Silicon Graphics platform and refining the different types of computer graphics in animation. The course includes the creation and manipulation of 3D images. Topics covered include advanced computer animation systems and theory, various animation software applications and video production techniques.

81031**Web Design**

4cp

Postgraduate

Semester offered: Autumn, Spring

Offered at: City campus

This subject develops the skills and abilities required to create pages and graphics on the Internet. It introduces students to the basics of web page design and develops skills necessary to achieve these abilities. The primary focus of the class is on design

problem solving and design issues currently applied to Internet Design.

81032

Internet Design

4cp

Postgraduate

Semester offered: Autumn, Spring

Offered at: City campus

This subject aims to give the students who have attained appropriate computer graphics and design skills the ability to develop a website combining good design techniques using the latest web design technologies. They are encouraged to evaluate critically the implications of functional design for the Web. The course introduces students to all facets of web page design and website management.

81033

Multimedia 1

4cp

Postgraduate

Semester offered: Autumn, Spring

Offered at: City campus

This subject covers the topics of animation, inter-activity and computer-generated digital movies. It also covers the design process in computer animation as well as theory and conceptualisation of design in computer animations for the CD-ROM format.

81034

Multimedia 2

4cp

Postgraduate

Semester offered: Autumn, Spring

Offered at: City campus

This subject provides advanced coverage of the topics of advanced animation, advanced inter-activity and advanced computer-generated digital movies. The subject also covers the design process in computer animation as well as theory and conceptualisation of design in computer animations for the CD-ROM format.

81035

Digital Print Media 1

4cp

Postgraduate

Semester offered: Autumn

Offered at: City campus

This subject aims to develop students' knowledge and skills in creating and developing design solutions using advanced computer applications. To enrol, students must have

demonstrable ability in graphic and typographic design and have attained basic computer graphics skills. Students are encouraged to be imaginative and conceptually demanding in evaluating digitally generated visual production as effective and relevant visually communicated solutions and professionally produced pre-press documents.

81036

Digital Print Media 2

4cp

Postgraduate

Semester offered: Spring

Offered at: City campus

This subject aims to consolidate students' knowledge and develop advanced skills in creating and developing design solutions using appropriate computer applications. Students are encouraged to be imaginative and conceptually demanding in evaluating digitally processed and refined graphic and typographic design as effective and relevant solutions to realistic design briefs produced as professionally viable visuals and print pre-press documents.

81920

Marketing and Design

4cp

Postgraduate

Semester offered: Spring

Offered at: City campus

This subject provides students with a working knowledge of the concept of marketing, and an understanding of the problems faced by management in achieving marketing success. It consists of a series of seminar/tutorials including case studies concerned with such topics as market segmentation, market research, new product development, packaging, pricing, promotion, advertising, product image, test marketing, strategies and tactics for existing products, services and societal marketing, legislation, and consumerism.

81924

Computer Graphics 2

4cp

Postgraduate

Semester offered: Spring

Offered at: City campus

This subject aims to give selected students, who have attained appropriate experience in computer graphics and design skills, the

ability to understand and operate high-end computer graphics and design programs. Students are set a variety of projects and are required to undertake a wide range of computer programs. They are encouraged to develop their imagination, creativity and conceptual depth. The studio/design format of the class is supported by visits to computer graphics agencies and in-class workshops with practising computer graphics designers.

81925

3D Computer Animation 1

4cp

Postgraduate

Semester offered: Autumn, Spring

Offered at: City campus

This subject equips students with the basic knowledge of both the theory and operation of computer animation using Maya software on the Silicon Graphics platform. Topics covered include computer animation systems, animation software, animation production and character design.

82009

Human Factors and Design

4cp

Postgraduate

Semester offered: Autumn

Offered at: City campus

This subject provides an understanding of the physiological, psychological and social factors pertinent to the successful interaction of humans, environments and machines in a range of contemporary work situations.

82016

Graphic Visualisation

4cp

Postgraduate

Semester offered: Autumn

Offered at: City campus

This subject expands the awareness and ability of students with other disciplinary backgrounds to generate ideas and communicate through 'hands on' experience using visual communication media with special emphasis on drawing.

82901

Psychology of Design

4cp

Postgraduate

Semester offered: Autumn

Offered at: City campus

This subject covers aspects of psychology especially relevant to design practice. Lectures and seminars are conducted on relevant examples and case studies to develop insights into the following: the fundamentals of human perception; nonverbal communication; human behaviour in small-scale environments such as workplaces and domestic situations; and human behaviour in large-scale environments such as towns and cities.

82902

Sociology of Design

4cp

Postgraduate

Semester offered: Spring

Offered at: City campus

This subject provides a sociological perspective and social definition of the designer, an understanding of the designer's role in contemporary society, and the social uses of design.

82903

Technological Change

4cp

Postgraduate

Semester offered: Autumn

Offered at: City campus

This subject provides an appreciation of political, economic and social influences on technological change and the processes developed to foster technological change. Particular emphasis is given to the Australian situation and to the impact of digital technology.

82905

Research Methods

4cp

Postgraduate

Semester offered: Autumn, Spring

Offered at: City campus

This subject gives students an understanding of methods of research. It combines lectures with opportunities for first-hand experience. Lectures include choosing a topic, fact finding, assessment of information, problem definition and bounding, problem solving, project planning, forecasting and report writing. This

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is supplemented by practical sessions in the use of a major research library and especially its resources (abstracts, indices, computer databases), and problem solving (synetics, brainstorming).

82915

Photography for Designers

4cp

Postgraduate

Semester offered: Spring

Offered at: City campus

This subject introduces students to photography and its particular application to design to enhance the communication aspect of design projects in addition to its use as a recording device in the collection of visual data for design projects.

82917

Information Retrieval

4cp

Postgraduate

Semester offered: Autumn, Spring

Offered at: City campus

This subject provides a comprehensive yet practical understanding of information-retrieval practices essential to effective professional and personal operation. It addresses both formal and informal, traditional and novel resources.

82918

Design Ethics

4cp

Postgraduate

Semester offered: Spring

Offered at: City campus

The subject enables a more critically incisive and rigorous appraisal of designing and designs as they impact on users and communities. It encourages the application of or demand for socially responsible criteria as an integral aspect of functional efficiency in design. It promotes an ethical and hence professional basis for evaluating design priorities and practical outcomes.

82919

Sustainable Design

4cp

Postgraduate

Semester offered: Spring

Offered at: City campus

This subject explores the relation between ecological sustainability and design practice, leading in turn towards the development of ecodesign practices which usefully contribute towards a sustainable society.

83000

Thinking Fashion

6cp

Undergraduate

Semester offered: Spring

Offered at: City campus

This subject introduces students to concepts of what fashion is and its context in society and culture. Through a series of lectures, tutorials and studio practice students develop an understanding of the integral relationship between fashion and textile design.

83120

Fashion Technology: Flat Pattern and Construction

6cp

Undergraduate

Semester offered: Autumn

Offered at: City campus

This subject aims to provide students with the basic technical skills and abilities essential to begin interpreting design into a 3D form. Students participate in workshops that incorporate flat pattern making and garment construction where they learn the various techniques, finishes and specifications required to generate design ideas and concepts into realised outcomes.

83121

Fashion Communication: An Introduction

6cp

Undergraduate

Semester offered: Autumn

Offered at: City campus

This subject introduces students to the visual language of fashion, through digital and freehand modes of communication. In illustration, students study the human body through life drawing and basic rendering techniques required. In computing, students are introduced to digital means of representing mark making and an understanding of

the computer environment and Faculty of Design, Architecture and Building network.

83230

F&T Communications 1

6cp

Undergraduate

Semester offered: Spring

Offered at: City campus

Fashion and Textile Communication 1 introduces students to the systematic study of the human form and the physical world through both freehand and digital modes. The aim is to give students a greater understanding of visual language including analysis of the inter-relationship of the design elements. Studio-based workshops are supported by series of lectures tracing the history, trends and traditions of mark making and communication.

83240

Textile Systems

6cp; prerequisite(s): 83000 Thinking Fashion or equivalent

Undergraduate

Semester offered: Spring

Offered at: City campus

This subject involves the research and analysis of the significance of textiles in society and the various systems for the realisation of textile design. Specifications to industry and market levels as well as approaches to design concepts are studied in a series of studio-based workshops.

83250

Design and Technique

6cp; prerequisite(s): 83000 Thinking Fashion or equivalent

Undergraduate

Semester offered: Spring

Offered at: City campus

This subject aims at teaching students the basic skills fundamental to the understanding of designed form through drape and pattern-making methodology and the assembly of designated garments. Students learn the various systems and specifications of basic drape and pattern techniques. Theoretically the subject further explores the design process and the significance of fashion in society.

83331

Fashion Design 1

6cp; prerequisite(s): 83000 Thinking Fashion or equivalent

Undergraduate

Semester offered: Autumn

Offered at: City campus

This subject builds on the technical aspect of fashion design through developing the basic skills of flat pattern and drape methodologies. Manufacturing methods are studied through a series of samplers and assembled garments to support parallel design projects and to pre-empt design inquiry in later modules. Research focuses on an historical context particularly social, cultural, political and technological change. The impact on adaptation of ideas from within that context are applied into design solutions.

83332

Print Technology

6cp; prerequisite(s): 83240 Textile Systems

Undergraduate

Semester offered: Autumn

Offered at: City campus

This subject allows students to continue to explore the professional field of textile design specifically in relation to the technology of textile print manufacture and production. The subject subsequently deals with research and analysis of contemporary, cultural and historical textile design practice and provides the basis for concept development and application in a fashion context. The subject also covers development and preparation of a coordinated story of textile designs, selection of appropriate fabrics for print production, repeat patterning and conversion for industrial purposes, production methodologies, professional presentation, colour and dye technology and safe work practices.

83333

F&T Communications 2

6cp; prerequisite(s): 83230 F&T Communications 1

Undergraduate

Semester offered: Autumn

Offered at: City campus

Fashion and Textile Communication 2 develops students' understanding of visual language specifically into fashion and textile design. This includes the study of fashion illustration, range and production drawings, advanced layout and typography to assist students to formulate design solutions.

Studio-based workshops are supported by series of lectures by industry specialists.

83441

Fashion Design 2

6cp; prerequisite(s): 83331 Fashion Design 1
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject aims at developing further the technical conversion skills covered in Fashion Design 1. Students begin to learn to manipulate the three dimensional form, through drape and flat pattern cutting. Students learn the benefits of using these two techniques in tandem to realise and convert their design solutions. Design and theoretical studies focus on the significance of how fashion reflects culture and society in a 20th century context.

83442

Sustainable Practice

6cp; prerequisite(s): 83332 Print Technology
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject introduces students to the concept of sustainable considerations, opportunities and practices that can be implemented utilising the design process. Analysis and examination of the life cycle from farm to fashion, colouring and design methods and notions of re-use, reduce and recycle are studied in respect to the ecological, social and economic impact of the fashion and textile industries.

83443

Marketing and Management

6cp
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject focuses on introducing students to business practices and the impact they have on design practice. The marketing component of the subject provides students with an appreciation and understanding of the relevance and application of design in the market place. It presents students with the opportunity to constructively plan, implement, analyse, and evaluate a number of design and marketing situations. The management aspect of the subject focuses on exploring and developing the necessary skills needed as future design/managers,

employers of staff and insights needed to employ and work with people.

83551

Fashion Design 3

6cp; prerequisite(s): 83441 Fashion Design 2
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject focuses on synergy of advanced drape and pattern manipulation methodologies. Students use more advanced application of these two techniques in tandem to realise and convert their design solutions. Students develop and practice more complex design and inquire into the manufacturing methods of soft tailoring. Design studies focus on the significance of fashion in the late 20th century and beyond and on the predictive process at the high end of the marketplace, the business of fashion and aspects of design longevity, at varying levels of the market. Theoretical studies inquire into the changing nature of gender and identity within contemporary society.

83552

Digital Fashion and Textiles Elective

6cp; prerequisite(s): 83333 F&T Communications 2 (or intermediate computing skills)
Undergraduate
Semester offered: Autumn
Offered at: City campus

The aim of this subject is to explore the potential of digital imaging for the fashion and textile industries. Students explore 2D and 3D digital imaging through problem-based learning projects and research. This includes a library of artifacts texture mapped for further reference. The potential of web design is explored as a tool for international profiling and marketing of design. Key issues to be explored include rapid prototyping for fashion client presentation, digital transference and output capabilities.

83553

Research Project F&T

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject is a theoretical inquiry into the contemporary nature of design at a global level. It covers fashion and textile issues, and broader issues that reflect and impact into the

industry, within both a contemporary and possible future construct. The subject is based on a series of lectures, seminars and tutorials.

83661

Fashion Design Elective

6cp; prerequisite(s): 83551 Fashion Design 3

Undergraduate

Semester offered: Spring

Offered at: City campus

This subject has three offerings:

1. A specialisation focus into the issue of designing for men. This includes inquiry into design and the fundamental differences to designing for women. Theory looks into the history of menswear and issues around gender and dress codes.
2. Alternately this subject also offers students the opportunity to experience working commercially in conjunction with industry on real-time design projects, through to their ultimate solutions.
3. Other choices of study include modules offered in the elective design strand.

83662

Design and Industry

6cp; prerequisite(s): 83553 Research Project F&T

Undergraduate

Semester offered: Spring

Offered at: City campus

In conjunction with the professional work experience program, this subject offers students the opportunity to gain knowledge about industry practices, manufacturing and production processes and the role of design in the Australian fashion and textile industries. Students are given the opportunity to research a significant aspect of the industry and are assisted in developing individual design projects. The subject is supported by guest lectures, seminars and industrial site visits.

83663

Professional Practice F&T

6cp; prerequisite(s): 83443 Marketing and

Management

Undergraduate

Semester offered: Spring

Offered at: City campus

This subject analyses the structure and workings of small design business within the framework of the fashion and textile industry. It looks at the varying constructs that can be successfully developed in a contemporary

business world with the assistance of government agencies, mentor systems and other new entrepreneurial developments. A special focus is put on the feasibility of small cooperatives.

83711

Independent Study, F&T

6cp

Semester offered: Autumn

Offered at: City campus

This subject allows students to explore areas that are not a regular part of the curriculum and enhance their professional knowledge and skills. A proposal must be submitted prior to commencement of this subject. Design competitions, and community projects, are examples of possible project areas. While the subject is self directed the students learning is supported by small group seminars.

83771

International Design

6cp; prerequisite(s): all required modules for years

1, 2 and 3 of the BDesign in Fashion and Textile

Design

Undergraduate

Semester offered: Autumn

Offered at: City campus

This subject requires the student to demonstrate self-directed learning on a selected project of their choice. The focus of this subject is on predictive not descriptive design; students focus their design solutions outside of their usual handwriting while impacting their personal design philosophy. The subject is supported by a series of lectures, seminars and tutorials that address current international design issues. The subject concludes with a final concept portfolio documenting the research and design process.

83780

Research Dissertation F&T

6cp; prerequisite(s): all required modules for years

1, 2 and 3 of the BDesign in Fashion and Textile

Design

Undergraduate

Semester offered: Autumn

Offered at: City campus

Students are required to research a project oriented to support their personal design philosophy or interest in a design-related topic. Research must be presented in a written form and may include visual components.

83880

Major Project F&T

24cp; prerequisite(s): all modules in BDesign in Fashion and Textile Design
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject allows students to fully demonstrate their professional ability and accumulated knowledge from the previous year's study through the development and execution of a personally prepared design brief. The project is supported by seminars and tutorials on specialised aspects of the profession. Assessment is based on the process and presentation of completed work to a professional standard to a panel of academics and industry specialists.

83xxx

Fashion Design Methods

6cp; prerequisite(s): 83000 Thinking Fashion
Semester offered: Spring
Offered at: City campus

This subject encourages students to further investigate the design process by problem solving and integrating their individual research into design concepts. Theoretical studies underpin studio practice and analyses the significance of Fashion and Textiles in the 20th century.

83xxx

Fashion Technology: Pattern Making and Construction

6cp; prerequisite(s): 83120 Fashion Technology: Flat Pattern and Construction
Semester offered: Spring
Offered at: City campus

This subject aims to further develop a students understanding and technical abilities in flat pattern making and garment construction. This allows students to gain a critical understanding of block construction and the possibilities of producing more complex design solutions through pattern development. The content pre-empts the design subject in the following semester.

83xxx

Fashion Communication: Fashion Drawing and Digital Media

6cp; prerequisite(s): 83xxx Fashion Communication: An Introduction
Semester offered: Spring
Offered at: City campus

This subject continues to develop students' understanding of the visual language of fashion and textile design. This includes the study of fashion illustration techniques, range and production drawings. In computing, students translate illustration and production drawings for further exploration, through digital media.

84100

Industrial Design

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

Systems

This is an introduction to industrial design from a system-based perspective. It explores how the design process interfaces with economic, social, ethical, environmental and technological systems is explored. A design task is set to develop this view and also provide a benchmark for students to gauge design skills and knowledge.

84110

Aesthetics in Industrial Design

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

The outward form or shape of a product can acquaint the user of its intended use, how it is to be used, its value and much more. This subject looks at how designers manipulate design elements. There are supporting lectures and seminars on aesthetic and product marketing. An exercise in developing a three-dimensional shape to a set brief is a component of the subject.

84111**Understanding Three-dimensional Form**

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

Throughout the program, students are expected to construct simple models, make test components, and possibly build working prototypes. This practical, hands-on subject set the foundation for this work. It covers the appropriate use of materials and tools, and the related OH&S issues. The subject includes workshop accreditation required for use of power tools and equipment. An exercise involving the construction of a three-dimensional object forms part of the subject.

84112**Industrial Design Communications**

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

The focus of this subject is on the tools designers use to visually communicate, and covers the drawing areas of free, geometrical and rendering. The subject is predominately practically based with the set exercises and tutorials in all areas.

84221**Industrial Design Project 200A**

6cp; prerequisite(s): 84100 Industrial Design and a minimum 15cp from: 85100 Common Design Project; 85200 Design Communications; 85300 Research Methods; 85400 Design History
Undergraduate
Semester offered: Spring
Offered at: City campus

Information

This project-based subject focuses on information retrieval. The emphasis is on locating and compiling data efficiently, comprehensively, and economically within the framework of a given design task.

In addition to this primary goal students put into practice theoretical knowledge included in 84223 ID Workshop 200C, with emphasis on the communication of design concepts and proposals.

84222**Industrial Design Project 200B**

6cp; prerequisite(s): 84100 Industrial Design and a minimum 15cp from: 85100 Common Design Project; 85200 Design Communications; 85300 Research Methods; 85400 Design History
Undergraduate
Semester offered: Spring
Offered at: City campus

Sustainability

This project introduces students to ways in which ecological sustainability considerations can be included in the design process. Product life cycle is the central theme with each stage of the cycle examined with respect to active ecological, economic and sociocultural systems.

84223**Industrial Design Workshop 200C**

6cp; prerequisite(s): 84100 Industrial Design and a minimum 15cp from: 85100 Common Design Project; 85200 Design Communications; 85300 Research Methods; 85400 Design History
Undergraduate
Semester offered: Spring
Offered at: City campus

Communication and design context

This is a series of workshops linked to the projects but focused on factors of importance to designers. The workshops in this subject centre around communication – through writing and drawing (free and geometrical), three-dimensional form and the use of computers as communication tools. Other workshop modules examine the context of design.

84331**Industrial Design Project 300A**

6cp; prerequisite(s): 84221 Industrial Design Project 200A or 84222 Industrial Design Project 200B; 84223 Industrial Design Workshop 200C
Undergraduate
Semester offered: Autumn
Offered at: City campus

Diversity

High-volume production can compromise the needs of minority groups of users be they cultural, gender, age, or physical ability based. This project focuses on social-cultural diversity. How to recognise different social and cultural groups' interests and then address such concerns without adverse impact for the majority are explored. The relevance of niche market identification and options offered by

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mass customisation in coping with diversity are examined.

84332

Industrial Design Project 300B

6cp; prerequisite(s): 84221 Industrial Design Project 200A or 84222 Industrial Design Project 200B; 84223 Industrial Design Workshop 200C
Undergraduate
Semester offered: Autumn
Offered at: City campus

Anthropometric diversity

This second of two projects dealing with diversity concentrates on anthropometric diversity. The adjustments, allowances and compromises made in the development of a product to accommodate the range of human profiles are the subject of this project. The project also focuses on the use of mechanical principals in resolving design requirements.

84333

Industrial Design Workshop 300C

6cp; prerequisite(s): 84221 Industrial Design Project 200A or 84222 Industrial Design Project 200B; 84223 Industrial Design Workshop 200C
Undergraduate
Semester offered: Autumn
Offered at: City campus

Design skills

These workshops begin to expand on the factors examined in design context, a component of 84223 ID Workshop 200. Subjects include basic engineering, drafting, ergonomics, and materials and processes. Other workshops develop skills in rendering and computing. Where appropriate the workshops support the concurrent projects.

84441

Industrial Design Project 400A

6cp; prerequisite(s): 84331 Industrial Design Project 300A or 84332 Industrial Design Project 300B; 84333 Industrial Design Workshop 300C
Undergraduate
Semester offered: Spring
Offered at: City campus

Product development

This project involves participation in all stages in the design process, from concept through to presentation of a comprehensive product solution. Students work from a detailed brief for a new consumer product and are supported by seminars and personal tuition in research and development activities. Identifying and

understanding the target market is a crucial first stage in this process.

84442

Industrial Design Project 400B

6cp; prerequisite(s): 84331 Industrial Design Project 300A or 84332 Industrial Design Project 300B; 84333 Industrial Design Workshop 300C
Undergraduate
Semester offered: Spring
Offered at: City campus

Collaboration

Designers rarely work in isolation. This project is aimed at improving communication skills during the design process. While the topic of the project is in part determined by the professional interests of the participants, the focus centres on collaboration and techniques used to facilitate group working. Projects might involve industry or students studying disciplines other than design.

84443

Industrial Design Workshop 400C

6cp; prerequisite(s): 84331 Industrial Design Project 300A or 84332 Industrial Design Project 300B; 84333 Industrial Design Workshop 300C
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject is a continuation of the series of workshops supporting the projects and developing skills in engineering science, engineering drafting and manufacturing, and visual communication. New directions of design and the future contexts of design is the theme for one of the workshops.

84551

Industrial Design Project 500A

6cp; prerequisite(s): 84441 Industrial Design Project 400A or 84442 Industrial Design Project 400B; 84443 Industrial Design Workshop 400C
Undergraduate
Semester offered: Autumn
Offered at: City campus

Creativity

Creativity is central to all design activity. This project focuses on the nature of creativity at the various stages of the design process and incorporates practical application of theoretical methods devised to enhance creative outcomes.

84552**Industrial Design Project 500B**

6cp; prerequisite(s): 84441 Industrial Design Project 400A or 84442 Industrial Design Project 400B; 84443 Industrial Design Workshop 400C
Undergraduate
Semester offered: Autumn
Offered at: City campus

Design directions

The opportunities for graduates in Industrial Design are many and varied. This project is about exploring different careers that could be available on completion of this course. Students research one or more options which appeal to them. Past graduates and practicing designers are invited to talk about their experiences and some of the realities of working as professionals.

84553**Industrial Design Workshop 500C**

6cp; prerequisite(s): 84441 Industrial Design Project 400A or 84442 Industrial Design Project 400B; 84443 Industrial Design Workshop 400C
Undergraduate
Semester offered: Autumn
Offered at: City campus

Design skills, marketing

The modules manufacturing technology, engineering science, and computing are continued with additional units focusing on applied marketing, and the study of graphics with an emphasis on the use of graphics on products.

84661**Industrial Design Project 600A**

6cp; prerequisite(s): 84551 Industrial Design Project 500A or 84552 Industrial Design Project 500B; 84553 Industrial Design Workshop 500C
Undergraduate
Semester offered: Spring
Offered at: City campus

Work experience

Students are placed in industry in order to introduce them to the realities of manufacturing and help develop an understanding of some of the implications of design decisions as they relate to the manufacturing process.

84662**Industrial Design Project 600B**

6cp; prerequisite(s): 84551 Industrial Design Project 500A or 84552 Industrial Design Project 500B; 84553 Industrial Design Workshop 500C
Undergraduate
Semester offered: Spring
Offered at: City campus

Interface design

Electronically controlled interfaces have the ability to improve efficiency, functionality, and ease the serviceability of products. This project examines the processes required to describe, plan and design appropriate electronic interfaces for consumer products and capital goods.

84663**Industrial Design Workshop 600C**

6cp; prerequisite(s): 84551 Industrial Design Project 500A or 84552 Industrial Design Project 500B; 84553 Industrial Design Workshop 500C
Undergraduate
Semester offered: Spring
Offered at: City campus

Design skills, design management

The final components of the engineering science and computing modules are joined by a CAD-based rendering module. Managing the design process at macro and micro levels makes up the last of the units.

84771**Industrial Design Project 700A**

6cp; prerequisite(s): 84661 Industrial Design Project 600A or 84662 Industrial Design Project 600B; 84663 Industrial Design Workshop 600C
Undergraduate
Semester offered: Autumn
Offered at: City campus

Market focus

A manufacturer or company representative briefs the students on a real world design problem as seen from a marketing perspective. Students are required to draft a formal brief, prepare a task/time sheet, and develop a resolution to the problem. On completion they present the solution to the 'client' for feedback.

84780

Research Dissertation ID

6cp; prerequisite(s): 84661 Industrial Design Project 600A or 84662 Industrial Design Project 600B; 84663 Industrial Design Workshop 600C
Undergraduate
Semester offered: Autumn
Offered at: City campus

Design systems

Research Dissertation ties together many of the strands of the program to date. Students examine an activity field from a design systems perspective – the tasks required to perform the activity, the current products involved, the size of the field and its complexity. In short, all the systems which interact with the field of study. The aim is to find where improvements might be made and how they might be implemented, either by changes to the system or by the introduction of new or improved products. The results are compiled in a report.

84880

Industrial Design Major Project

24cp; prerequisite(s): 84771 Industrial Design Project 700A; 84780 Research Dissertation ID
Undergraduate
Semester offered: Spring
Offered at: City campus

The major project is determined by the student in consultation with staff, and the topic is normally derived from research carried out in 'Research Dissertation'. The field of study largely determines the content however it is expected the project will include an analysis, solution proposal, documentation and presentation. The aim of this project is to demonstrate the skills and knowledge gained during the course.

85100

Common Design Project

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

The Bachelor of Design is structured with problem solving as a central focus and students are introduced to the process in the Common Design Project subject. To solve the issues raised, the subject offers an interlocking set of studios and lectures.

The studio is the central activity of problem-based learning. It gives all students an opportunity to work towards a resolution of

the design problems in teams in association with a studio supervisor. The studio sessions give time for a response to the problem briefs. They are used to coordinate group activities that are central to the resolution of problems on the subjects of design and place and design and identity. As such, they are an indispensable part of problem-based learning and the design process.

The studio problems are supported by a series of contextual lectures. The lectures input information to the projects and therefore present a wide spectrum for design solutions based on social, cultural, political, environmental, economic and technological concerns. They also present the widest available view of design and allow for a general perspective to be developed by each student.

85480

Visual Culture

2cp
Undergraduate
Semester offered: Spring and/or Autumn (subject to availability)
Offered at: City campus

This subject provides a theoretical context for the design discipline in the understanding and critical analysis of Visual Culture. It examines the role of visual culture in everyday experiences and provides a critical analysis of relevant contexts including ethnicity, gender, technology, globalism and design.

85490

Design Theory (Special)

2cp
Undergraduate
Semester offered: Spring and/or Autumn (subject to availability)
Offered at: City campus

This subject provides a theoretical context for the study of design. It consists of an individual inquiry into a relevant aspect of design from a theoretical perspective. It requires students to investigate topics specific to their discipline and professional needs by means of supervised, scholarly research.

85502**Design History**

6cp

Undergraduate

Semester offered: Autumn

Offered at: City campus

This subject presents a historical perspective on design and designers through a series of lectures, seminars and tutorials. Three distinct areas are examined: theory – the intellectual and philosophical framework that has shaped design over the last two hundred years; social and economic context – the relationship of design to the wider patterns of production and consumption; the object – the effects of changes in materials and technology on the form and meaning of material culture. The subject offers the opportunity to examine design history methodologies, the role of history in relation to design, designing and designers and the issues raised in writing of history. Understanding gained provides a foundation for practical activity in archival, interview and library research techniques. The subject also covers various communication processes in an academic context. Students participate in ‘workshop’ tutorials to develop research methods, writing, reading, and oral skills.

85503**Thinking Design**

6cp

Undergraduate

Semester offered: Spring

Offered at: City campus

This subject provides a broad theoretical context for the design discipline and assists the development of critical awareness through an examination of the function and methodology of design in the contexts of economic, cultural, ideological and environmental imperatives. By presenting historical and contemporary perspectives on the discipline, education and practice of design, the implications for design and designer of the transition from individual craft traditions to mass consumer industrial production can be critically analysed. Design is a newly emerging discipline which is now being debated and published in a growing number of books, journals and magazines. Students are introduced to the current discourse through a series of readings with the intention of establishing a fruitful ongoing engagement with the critical discourse pertinent to their understanding of the discipline and personal choice of professional orientation.

85504**Design Ecology**

6cp

Undergraduate

Semester offered: Spring and/or Autumn (subject to availability)

Offered at: City campus

This subject provides an ecological and ethical context for design study. The first aim is to introduce the notion of ethical practice in broad terms. The second is to broadly examine the impact of design activity and mass consumerism on the made world and then focus on the direct consequences of decisions and actions of personal beliefs, habits and ultimately professional design practice. Current issues of sustainability, deep ecology and the shallow political rhetoric of ‘sustainable futures’ are interrogated to enable students to gain an informed understanding and the ability to examine the significance of ecology and the potential of ecological design. The ultimate aim is to provide students with a deeper understanding of these complex issues which may enable them to develop a realistic concept of ethical practice and a personal stance which each can substantiate.

85505**Design Culture and Contemporary Thought**

6cp

Undergraduate

Semester offered: Spring and/or Autumn (subject to availability)

Offered at: City campus

This subject explains the relevance and impact of cultural theories and contemporary thought on design discourse, education and practice. The major topics presented in lectures and examined in tutorials include: modernism, modernity, postmodernism, poststructuralism; feminism, hegemony, elitism, subcultures; the meaning of style and the myth of functional form; artifact and commodity, and branding as a designed and marketed mythology.

85506**Design and Asia**

6cp

Undergraduate

Semester offered: Spring and/or Autumn (subject to availability)

Offered at: City campus

This subject provides a theoretical context for the idea of a ‘world view’ by exploring the notion of ‘universal design’. It first takes an

overview by comparing and contrasting the historical and contemporary role of design and designer in Eastern and Western cosmologies. This is in order to critically examine the macro issues of hegemony, cultural imperialism, free trade, and the globalisation of culture. At a micro level some of the different beliefs and values held by diverse political, religious and social groups are identified through student research and interviews. The aim is to discover how the semantic interpretation of many designed items and messages emanating from western cultures may not easily translate causing misinterpretation, confusion, and offence because of cultural ignorance, complacency or insensitivity.

85507

Theories of Change

6cp

Undergraduate

Semester offered: Spring and/or Autumn (subject to availability)

Offered at: City campus

This subject assists students to situate their understanding of design in more than one cultural / temporal framework through analysis of the material examining the foundation theories of history and comparative philosophy. From this overview, the critiques interrogating the intervention and dominating power of technology on society, from the machine age to the post-human and cyberspace are investigated in the context of feminist and other critiques of science and technology. Current debate concerning the meaning of innovation, originality, appropriation and replication in an era of digital recognition and recall systems is presented. Systems theory and theories of change are then examined in detail.

85508

Criticism and Argument

6cp

Undergraduate

Semester offered: Spring and/or Autumn (subject to availability)

Offered at: City campus

This subject develops students' critical literacy and depth of understanding by examining and pursuing the basis of critical perspectives, genres of criticism, the presentation of critical arguments in written and verbal presentations of criticism. This includes practice in critical reading and writing, analytical reflection and

evaluation with the aim of improving students' comprehension of the roots and development of contemporary rhetoric.

85700

Interdisciplinary Project

6cp; prerequisite(s): contact the Faculty for further information

Undergraduate

Semester offered: Autumn

Offered at: City campus

This is a project or series of projects based on collaborative work with another design discipline. Coordinated between a number of design programs, the subject allows students to explore, at an advanced level, collaborative design methodologies for complex projects.

86000

Interior Methodology and Space

6cp

Undergraduate

Semester offered: Autumn

Offered at: City campus

This subject requires the student to develop a clear understanding of design methodology and the principles of the design process. The student gains abilities to make clear design decisions through a process of analysis and synthesis. The assignments undertaken test the student's design process. Spatial analysis, problem solving, and visual thinking are all areas of study within this subject. The subject aims to provide a foundation of knowledge necessary to address future design problems.

86110

Interior Computing

6cp; prerequisite(s): 86000 Interior Methodology and Space; 86420 Interior Communications; 86320 Material Science and Space

Undergraduate

Semester offered: Spring

Offered at: City campus

This subject requires the student to undertake a series of lectures, and design projects aimed at developing their competency in computer-generated drawing. Within a computing lab environment, the students develop skills and understanding of CAD programs, together with an introduction to other graphic software packages that are directly related to interior design.

86111**Interior Technology**

6cp; prerequisite(s): 86000 Interior Methodology and Space; 86420 Interior Communications; 86320 Material Science and Space
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject requires the student to develop a clear understanding of technologies that are used within an interior environment. Through a series of lectures, tutorials and design projects, the student explores the issues of environmental systems, construction systems, and finishes appropriate for commercial interior design projects. Specific study is made of the following systems: building bases, building support, building roof, space division, access fenestration, HVAC, utility, cabinetry, finishing, and FF&E. The relationship of sustainable principles and to technology is discussed within this subject.

86120**Interior Identity and Space**

6cp; prerequisite(s): 86000 Interior Methodology and Space; 86420 Interior Communications; 86320 Material Science and Space
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject requires the student to examine a basic understanding of purpose and meaning within interior spaces. Identity in space is achieved through the recognition and development of meaning in design elements both in their abstract form and in their material expression. Meaning can be understood in many ways, some of which are explored by students in this subject as they learn how to manipulate the basic interior design elements within an interior space and recognise any relevant historical examples. A series of lectures, tutorials, and design projects allows the student to explore the basic issues of meaning and identity and their effects on the designed spatial outcome.

86131**Interior Technology – Hospitality Design/ Food Services**

6cp; prerequisite(s): all first-year Interior Design
Professional core program subjects
Undergraduate
Semester offered: Autumn, Spring
Offered at: City campus

This subject includes the theory, application and testing of the information required to design and document restaurants, cafés and other food service interiors. The projects include site survey, environmental systems, planning, and the furniture, equipment and fitout of kitchens, serveries, bars and dining spaces.

Client presentation and contract documents, including working drawings, specifications, details and schedules, included in assessment. The impact upon the spatial designed outcome from the selection of the cuisine is examined through the projects, lectures and tutorials. The principles of sustainability are discussed within this subject, together with the local government codes, the Building Code of Australia and relevant Australian Standards.

86132**Interior Technology – Hospitality Design/ Accommodation**

6cp; prerequisite(s): all first-year Interior Design
Professional core program subjects
Undergraduate
Semester offered: Autumn, Spring
Offered at: City campus

This subject includes the theory, application and testing of the information to design and document hotel, motel and serviced apartment interiors. The projects include site survey, environmental systems, planning, and the furniture, equipment and fitout of front of house, back of house and rooms.

Client presentation and contract documents – including working drawings, specifications, details and schedules – are included in assessment. The notion of sustainable principles is also discussed within this subject, together with the local government codes and relevant Australian Standards.

86140

Residential Design and Technology

6cp; prerequisite(s): all first-year Interior Design
Professional core program subjects
Undergraduate
Semester offered: Autumn, Spring
Offered at: City campus

This subject includes the theory, application and testing of the information to design and document houses and apartment interiors. Through a series of lectures, projects, and tutorials, the students gain access to knowledge of the various design issues involving domesticity. The projects include site survey, environmental systems, planning, and the furniture, equipment and fitout of residential living, sleeping and utility spaces. Building access and utility services are also studied.

Client presentation and contract documents – including working drawings, specifications, details and schedules – are included in assessment. The principles of sustainability are discussed within this subject, together with the local government codes, the Building Code of Australia and relevant Australian Standards.

86150

Corporate Identity/Retailing Design and Technology

6cp; prerequisite(s): all first-year Interior Design
Professional core program subjects
Undergraduate
Semester offered: Autumn, Spring
Offered at: City campus

This subject includes the theory, application of information necessary to the development and documentation of corporate identity, and retail environments in a series of linked projects and studio presentations. Through a system of self learning, students research and incorporate the environmental systems, services, furniture, equipment and fitout requirements necessary for the development of successful retail design, including local government requirements and relevant Australian codes and standards.

The principles of sustainability are discussed and considered. Client presentations and contract documents – including working drawings, specifications, details and schedules – are included in the assessment.

86160

Workplace Design and Technology

6cp; prerequisite(s): all first-year Interior Design
Professional core program subjects
Undergraduate
Semester offered: Autumn, Spring
Offered at: City campus

Through a series of lectures, tutorials, site visits, and experimental design projects, students gain a broader understanding of the issues faced in workplace design, specifically commercial office interiors. The interior design of workplaces is a significant focus of contemporary commercial interior design practice. Most people spend up to 40 hours a week in such interiors and depend on these spaces to fulfil a major life focus. This subject concentrates on the human factors within the workplace, as well as the structural, constructional and material factors that are pertinent to workplace environments. It assists students in gaining an understanding of the elements employed to create working design solutions. Through design project work, students explore the practical and theoretical issues involved in workplace design and apply knowledge gained in other subject areas. The principles of sustainability are discussed within this subject, together with local government codes, and relevant Australian codes and standards.

86170

Conservation/Intervention Design and Technology

6cp; prerequisite(s): all first-year Interior Design
Professional core program subjects
Undergraduate
Semester offered: Autumn, Spring
Offered at: City campus

This subject includes the theory, application and testing of the information to design and document interiors of buildings of heritage significance that are to undergo adaptive re-use and/or conservation. The projects include site survey, environmental systems, planning, and the furniture, equipment and fitout of the interiors of heritage-listed spaces. Building access and utility services are studied. Client presentation and contract documents – including working drawings, specifications, details and schedules – are included in assessment. Heritage Act, Conservation Charters, local government codes, the Building Code of Australia and relevant Australian Standards are studied.

86190**Special Industry Project**

6cp; prerequisite(s): at least 18cp of second- and third-year Interior Design Professional core program subjects

Undergraduate

Semester offered: Autumn, Spring

Offered at: City campus

This subject requires the student to explore beyond their basic understanding of the selected subject matter within Industry subjects. It is offered only to third-year students who have completed all prerequisites in the list of Interior Industry subjects and who are capable of being involved in independent study. Students explore a particular area of interest related to Industry subjects, through a self-directed learning contract. This flexible learning approach allows for the student to further examine this area of study in greater detail, or to explore another issue relevant to the interior design industry that has an application to their academic and career development. Projects that may be offered may respond to special conditions within the community and/or faculty. The Interior Design Program Director will appoint an academic supervisor for the Special Industry Projects, the range of projects is limited to the capacity of the program and the academic supervisor to facilitate adequate study conditions and to offer support to the students.

86230**Historical Models of Space**

6cp; prerequisite(s): all first-year Interior Design Professional core program subjects

Undergraduate

Semester offered: Autumn, Spring

Offered at: City campus

This subject gives an introductory overview of the history of spatial constructions in European and allied cultures. The material covered provides an historical context for the more focused studies of western design offered in other electives. Even more importantly, the subject provides the student with a vocabulary for design, and a familiarity with past designs that employ that vocabulary. Over the course of the semester, major historical periods are examined in sequence. This 'grand historical narrative' provides a context for further discussion of the design themes and strategies that have traditionally informed western space, such as the generation of order and pattern, of light and heavy

spaces, of textured surfaces and rhythmic spatial sequences. The emphasis of the course is upon the interpretive richness of design history, and upon its potential for informing contemporary design understanding.

86231**Classical Space**

6cp; prerequisite(s): all first-year Interior Design Professional core program subjects

Undergraduate

Semester offered: Autumn, Spring

Offered at: City campus

This subject introduces students to the classical tradition in western design. This tradition occupies a central place within contemporary discourse, whether as a target for critique, or as a site for the recollection of ongoing understandings in western design. Knowledge of this tradition is therefore of some importance for any designer wishing to position themselves within contemporary discursive practice.

86232**Eastern Space**

6cp; prerequisite(s): all first-year Interior Design Professional core program subjects

Undergraduate

Semester offered: Autumn, Spring

Offered at: City campus

This subject requires the student to develop an understanding of the way interior space in non-western cultures has developed and how modern approaches in the design of interiors have emerged from these traditions. Through a series of lectures, tutorials, site visits, case studies, research and design projects, the student develops an understanding of the way interior design practice may be explored to incorporate these systems of thinking. This subject places design as a physical manifestation of culture in the context of social, economic and spiritual concerns and the student is required to personally explore the way the design process may include ordering principles that set design as expressing human concerns within spiritual beliefs.

86233

Free Space

6cp; prerequisite(s): all first-year Interior Design
Professional core program subjects
Undergraduate
Semester offered: Autumn, Spring
Offered at: City campus

This subject traces the abrupt break from the overt decoration and ornamentation of late 19th century western design to the essentialism of the modern movement. The subject critically analyses the evolution of 20th century design and its impact on contemporary practice. The origins of modernism provide a background to the study of cultural influences on design during this period. Through an understanding of the theories that underpin the modern movement in design, students gain a greater understanding of the processes of design activity. A series of lectures, studios and tutorials together with student research, study and projects, provide a comprehensive understanding of the central principles of modern spatial manipulation.

86240

New Technology and Space

6cp; prerequisite(s): all first-year Interior Design
Professional core program subjects
Undergraduate
Semester offered: Autumn, Spring
Offered at: City campus

This subject requires the student to develop a clear understanding of the effects of new technologies that extend the discipline of interior design. Information technology and digital media in the form of drawing and CAD packages are examined in detail. The emphasis is on communication technologies, but new developments of other technologies that affect interior design are explored. A series of lectures, tutorials, workshops, and design projects allows the student to examine these issues in detail. The assignments allow the student to appreciate the changing technologies and implement these changes and the associated skills into other design subjects.

86250

Behaviour and Space

6cp; prerequisite(s): all first-year Interior Design
Professional core program subjects
Undergraduate
Semester offered: Autumn, Spring
Offered at: City campus

This subject introduces the student to the relationship between spaces and the behaviour they are designed to contain. Using a cross-disciplinary approach, ideas and methods from the fields of sociology, psychology and anthropology are used to develop the student's awareness of the interaction between people and their environment. The topics explored in this course suggest that this interaction can be both positive (e.g. high visit rates) as well as negative (vandalism). This course also seeks to establish the conceptual limits relating to behaviour within which designers must operate in professional practice. Through a series of lectures, studios and tutorials, the student researches, studies and undertakes projects to acquire a comprehensive understanding of the central principles of spatial manipulation and its relationship to human behaviour.

86280

Interior Theory and Space

6cp; prerequisite(s): all first-year Interior Design
Professional core program subjects
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject introduces students to the rich array of contemporary discourses relevant to the making of interior spaces. In doing so, it articulates an identity for interior design, and helps students to locate their own activity in relation to allied fields; to industrial and fashion design, to architecture and visual communication. This subject also focuses on developing the literary skills of students, requiring them to critically read and interpret scholarly papers, and to present both verbal and written arguments. Further, students are helped to a recognition of the connection between theory and practice through engagement in a design project responsive to the theoretical issues raised.

86290**Special Elements Project**

6cp; prerequisite(s): at least 18cp of second- and third-year Interior Design Professional core program subjects
Undergraduate
Semester offered: Autumn, Spring
Offered at: City campus

This subject requires the student to explore beyond their basic understanding of the selected subject matter within Theory and Element subjects. It is offered only to third-year students who have completed all prerequisites in the list of Theory and Element subjects and who are capable of being involved in independent study. Students explore a particular area of interest related to the Theory and Element subjects, through a self-directed learning contract. This flexible learning approach allows for the student to further examine this area of study in greater detail, or to explore another issue relevant to interior theory and/or elements that has an application to their academic and career development. Projects that may be offered may respond to special conditions within the community and/or faculty. The Interior Design Program Director will appoint an academic supervisor for the Special Elements Projects, the range of projects is limited to the capacity of the program and the academic supervisor to facilitate adequate study conditions and to offer support to the students.

86320**Material Science and Space**

6cp
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject requires the student to develop a clear understanding of material technology and structural principles as they may be applied to interior design. Through practical application, the student gains knowledge of the essential generic vocabulary of materials and structures by exploring the key criteria by which materials and structures inherently define the nature of decision making in interior design. Sustainable principles are considered within this subject. Assignments are focused on developing knowledge through first principles, site visits, research, workshop activities, lectures, seminars and design projects.

86331**Environment and Interior Space**

6cp; prerequisite(s): all first-year Interior Design Professional core program subjects
Undergraduate
Semester offered: Autumn, Spring
Offered at: City campus

This subject requires the student to develop a detailed understanding of ecological, social and economic sustainability as applied to the practice of interior design and the making of interior space to facilitate sustainable life. The student explores specific interior design implications of sustainability and develops a personal approach to interior design practice that incorporates the philosophy and practices of ecodesign. A series of lectures and workshop activities related to case studies of interior space within the built environment are developed through student research projects. The knowledge gained from the research is applied through the design and development of interior spaces that explore the key approaches of ecodesign in relationship to interior design practice.

86340**Light and Space**

6cp; prerequisite(s): all first-year Interior Design Professional core program subjects
Undergraduate
Semester offered: Autumn, Spring
Offered at: City campus

This subject requires the student to examine the principles of natural and artificial lighting interior spaces and their application in designing interior spaces that satisfy human needs of comfort and security. A series of lectures, tutorial exercises, research projects, site visits and applied design projects allows the students to gain experience in using light to enhance the quality of the interior space. The issues of daylight and artificial lighting raised in the lectures are explored through detailed design projects that investigate the manipulation of the interior space to achieve the desired behavioural outcome for the users.

86351

Sound and Space

6cp; prerequisite(s): all first-year Interior Design Professional core program subjects
Undergraduate
Semester offered: Autumn, Spring
Offered at: City campus

This subject requires the student to examine the principles of acoustics, sound and noise and their application in designing interiors that satisfy human needs of comfort and security. A series of lectures, tutorial exercises, research projects and applied design projects allows the students to gain experience in using sound as a determinant of interior quality. The issues raised in the lectures are explored through detailed design projects that look at the manipulation of the interior space to achieve the desired behavioural outcome for the users and at the same time re-examine the role of sound and soundscapes in interior places.

86360

Body and Space

6cp; prerequisite(s): all first-year Interior Design Professional core program subjects
Undergraduate
Semester offered: Autumn, Spring
Offered at: City campus

This subject requires the student to examine a basic understanding of human activity and physiology and its relationship to interior spaces. A series of lectures, tutorials, workshops, and design projects allows the student to explore the issues of the senses, anthropometrics, ergonomics and environmental contextual issues that affect humans within interior spaces. Detailed projects on human movement and perception aim to provide the student with the knowledge to design enjoyable and safe human interior built environments. The subject culminates in a comprehensive research and design project aimed at addressing specific human user needs.

86370

New Materials, Systems and Space

6cp; prerequisite(s): all first-year Interior Design Professional core program subjects
Semester offered: Autumn, Spring
Offered at: City campus

This subject requires the student to investigate and explore new materials and interior design systems beyond a level of basic understanding. A series of lectures, tutorials, site

visits and design projects assists a creative investigation of the way emerging materials and systems may be understood so as to satisfy the essential needs of humans in interior spaces. The assignments aim to allow the student to appreciate the changing nature of interior environments and the way new materials and systems may be used to facilitate these changes and to implement these approaches into design projects.

86390

Special Interior Science Project

6cp; prerequisite(s): at least 18cp of second- and third-year Interior Design Professional core program subjects
Undergraduate
Semester offered: Autumn, Spring
Offered at: City campus

This subject requires the student to explore beyond their basic understanding of the selected subject matter within the Interior Science subjects. It is offered only to third-year students who have completed all prerequisites in the list of Interior Science subjects and who are capable of being involved in independent study. Students explore a particular area of interest related to the Interior Science subjects through a self-directed learning contract. This flexible learning approach allows for the student to further examine this area of study in greater detail, or to explore another issue relevant to Interior Science and Technology that has application to their academic and career development. The Interior Design Program Director appoints an academic supervisor for the Special Industry Projects, the range of projects is limited to the capacity of the program and the academic supervisor to facilitate adequate study conditions and to offer support to the students. Projects offered may respond to special conditions within the community and/or Faculty.

86420

Interior Communications

6cp
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject requires the student to undertake a series of lectures, studios and design projects aimed at developing their competency in communicating design ideas. For interior designers the issue of communication is vitally important and requires a clear understanding of representing ideas. These ideas

may need to be expressed to other designers, clients, consultants or contractors. The subject aims to enhance the basic skills of the student in areas of free drawing/illustration, measured drawing, and model making.

86777

Professional Practice and Industry Project

6cp; prerequisite(s): 60cp of second- and third-year Interior Design Professional Studies subjects, including a minimum of three subjects each from the Interior Industry, Interior Theory and Elements, and Interior Science and Systems streams Undergraduate

Semester offered: Autumn

Offered at: City campus

Through a series of lectures and tutorials students gain a broader understanding of the issues of professional responsibility and practice within the interior design profession. This subject focuses on the professional practice issues of ethics, contractual administration, and design management. Reference is made to environment planning laws, local plans and development control plans. This subject enables the student to advance their understanding of the interior design profession, and demonstrate their comprehension of the knowledge gained so far in the course. These studies are furthered by the self-directed learning of the student through the research of material related to their major project topic. This subject forms the supporting link with 86880 Interior Design – Major Project.

86780

Interior Design Research Dissertation

6cp; prerequisite(s): 60cp of second- and third-year Interior Design Professional core program subjects, including a minimum of three subjects each from the Interior Industry, Interior Theory and Elements, and Interior Science and Systems streams Undergraduate

Undergraduate

Semester offered: Autumn

Offered at: City campus

This subject requires students to develop a research project in conjunction with a supervising lecturer on a topic or an area of study which supports the student's personal direction and career orientation within design practice. Topics must relate to issues of interior design (e.g. its practice, theory, philosophy, history) or to related issues such as environmental systems or design phenomena. These topics may form the basis of the student's major project topic in the second

semester. Every student investigates a chosen topic and prepares a written paper of 8,000–10,000 words. It is expected that the paper demonstrates a high standard of research and appropriate standards of referencing and expression. The text may be supported by visual material.

86880

Interior Design – Major Project

24cp; prerequisite(s): 86780 Interior Design Dissertation; 86777 Professional Practice and Industry Project; 85700 Interdisciplinary Project Undergraduate

Semester offered: Spring

Offered at: City campus

This subject requires the student to demonstrate self-directed learning on a selected project of their choice. Advice from academic supervisors in studio sessions helps the student select and complete their program of studies. The students are required to undertake the design of a complex interior design project that tests issues raised and knowledge gained throughout the course. The project allows students to develop an holistic solution demonstrative of their abilities as final year design students, and also requires them to demonstrate a professional attitude to their work as a prelude to the practice of Interior Design after graduation. The project's assessment is based on the supervisor's assessment of the student's work methods, and a panel assessment that takes into account the stated aims of the project and the level that they have been achieved. Preparation for this subject is carried out at the end of 86777 Professional Practice and Industry Project through the completion of the major project research.

87100

VC Project: Reflective Practice

6cp

Undergraduate

Semester offered: Autumn

Offered at: City campus

The subject introduces: the nature of design ability, the visible languages of communication, and explores notions of creative thinking and the methodology of reflective practice. The perceptual principles of visual form and syntactic structure are introduced with particular reference to the Gestalt Theories and Laws of Pragnanz, Proximity, Similarity, Constancy, Continuation and Closure. The basic visual elements of line, shape, form, emphasis, dynamics, sequence

and abstraction are explored through applied exercises undertaken in the studio then analytically examined by learning groups in tutorials.

87117

VC Technology: Visible Language

6cp

Undergraduate

Semester offered: Autumn

Offered at: City campus

The subject introduces the historical and contemporary design, production and applications of typographic forms as the visual extension and expression of the spoken word and written text. The design and production of letter forms and type-faces is examined in the context of typography, a keystone language of visual communication. At this introductory stage the lecture series presents the micro focus of intricate typographic detailing in the macro context of technological developments and social change. Theoretical understanding is gained experientially through studio practice which initiates the exploration of letter forms and the visualisation of the spoken word and written text in basic two-dimensional spatial and hierarchical structures. Studio practice emphasises hand-generated processes which are then translated in the computer laboratory where software programs (Illustrator and Photoshop) are introduced for the further development and digital processing of typographic forms and applications.

87118

VC Studies: Image Experimentation

6cp

Undergraduate

Semester offered: Autumn

Offered at: City campus

The subject introduces the diverse role and applications of the hand and media generated image in the visual communication of ideas and information. The lecture series examines and analyses the various forms of images in the context of technological developments and contemporary applications (e.g. print, photography, cinematography, animation, interactive multimedia and the World Wide Web). In the design studio, a series of workshops presents a range of two- and three-dimensional methods and techniques of image making (e.g. observational drawing, concept sketching, monoprinting, collage, model making). These aim to develop visual acuity and the ability to translate the perceived

world to the virtual plane as the communication of observation, information, instruction and ideas.

87221

VC Studies: Histories of Visual Communication

6cp

Undergraduate

Semester offered: Spring

Offered at: City campus

The subject examines the intellectual and philosophical frameworks that have influenced and shaped visual communication design over the last century. Through a series of lectures and tutorials the students are introduced to the various approaches to history writing and examine the impact these have on notions of creativity, aesthetics, innovation and ethical responsibility in visual communication.

87222

VC Project: Symbols and Systems

6cp

Undergraduate

Semester offered: Spring

Offered at: City campus

The subject explores: the historical development and contemporary applications of pictographic, iconographic and ideographic symbols; the value and application of symbolic and metaphoric imagery; and the visual systems of grouping, framing, hierarchy and narrative sequence. It initiates experiential investigation and user study research with particular reference to the perceptual principles of spatial organisation and the role of image and text as reinforcing visual elements. Project topics examine the historical form and significance of symbol and numeric systems; 2D framing, visual narrative and perceptual closure; the structuring of visual hierarchies; media exploration graphic processes of multiple production; and the role of user studies in mediating a design solution.

87223**Word and Image**

6cp; prerequisite(s): 85100 Common Design Project; 85200 Design Communications; 85300 Research Methods; 85400 Design History; 87100 Design Projects VC 1
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject introduces students to the languages and technologies of word and image design, processing and production. A lecture series and four practical workshops introduce the historical and contemporary applications of visual language and assist students to gain the knowledge and skills necessary for synthesis in design project work. Typography investigates the visualisation of the spoken word and written text. The form, structure and application of type is examined and applied through practical exercises to develop sensitivity to manipulating the visual structure of text communication to reinforce content. In the computer laboratory, software programs (Illustrator, PageMaker, Photoshop) are introduced for the development and processing of typographic forms and applications.

In the design studio, drawing and image-making workshops develop visual acuity and the ability to translate the perceived world to the two-dimensional plane. Images are generated using a range of media and techniques and examined as the communication of observation and ideas. In the photography laboratory students become conversant with the photographic medium and the visual and technical skills inherent in visual production. This develops fluency in the language of photography and a personal viewpoint towards image capture and construction.

87331**Design Studies VC 3**

6cp; prerequisite(s): 87221 VC Studies: Histories of Visual Communication
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject examines a range of contemporary theoretical notions as a framework to analyse the construction, production and role of the visual image, generally within contemporary culture and specifically within design practice. These include various methods of image analysis, communication theories and

semiotics, media analysis, economic analysis, power, gender, race and class analysis and the notions of diversity and convergence in relation to new technologies, the media and design. Through research, students examine the ways in which visual communication images are made and the consequences of their production in terms of material and cultural effect. Students further develop their knowledge of empirical investigation and explore alternative methods of examining and presenting their research.

87333**VC Technology: Introduction to Typography**

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject advances students' awareness, knowledge and skills in the design and production of words and texts as formally and technologically typeset and as hand-generated expressive letterforms. It presents the micro focus of intricate typographic detailing in the macro context of technological developments and social change. Students develop an understanding of figure/ground relationships, hierarchical structures, spatial organisation and typographic detailing of headline copy and text setting for legibility and readability. These issues are analysed, practically examined and processed initially through hand generation and finally through digital production. Students also learn about recent technological changes, the realities of the market place and the complexity of type design, structure and detailing in relation to typographic practice.

87335**Design Projects VC 3**

6cp; prerequisite(s): 87222 VC Project: Symbols and Systems
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject further develops students' working methodology by focusing on the research and generation of ideas through the design process. The subject explores the role and responsibilities of design in technological and social change and the historical evolution and contemporary state of design and production technologies. Students explore the conventions of moving media-based visual communication and their representation.

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Students develop a form of 'visual notation' for representing their ideas on and for these forms through the research, critical analysis, refinement, processing and presentation of static visuals.

87441

Design Studies VC 4

6cp; prerequisite(s): 87331 Design Studies VC 3
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject further investigates the concepts of modernity, post-modernity, the avant garde, technology and sustainability as they pertain to visual communication design. Continuing from the prerequisite, there is greater emphasis on coursework that requires students to research, develop and present material which displays their personal approaches to theories and practices of visual communication design.

87443

Typography 2

6cp; prerequisite(s): 87333 VC Technology: Introduction to Typography
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject introduces topical issues surrounding contemporary typographic practice. It examines the impact of modernist typography and post-structuralist thinking as applied to the contemporary publishing industry. Students are required to undertake or develop: empirical research of users; intelligent analysis of conclusions; and a highly refined awareness of detailing leading to the processing and presentation of market-oriented, sophisticated typography. The issues of legibility, readability, communication interface and navigation systems in both static print and dynamic screen formats are critically analysed in the context of emerging technologies. Computer laboratory practice increases digital competence in the relevant software packages and directly supports the integration and synthesis of images and typographic forms in parallel and forthcoming subjects.

87445

Design Projects VC 4

6cp; prerequisite(s): 87335 Design Projects VC 3
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject explores the context of convergent screen media within contemporary culture. Students are encouraged to examine a range of ideas that inform the area of traditional and contemporary forms of interactive screen-based media and installation. The historical and contemporary applications of 'new' technologies to interactive visual communication is covered. Students develop a schema for representing their ideas on and for these forms through the research, critical analysis, refinement, processing and presentation of static visuals.

87551

Design Studies VC 5

6cp; prerequisite(s): 87441 Design Studies VC 4
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject covers analytical and critical approaches to: design products in the context of practice; professional designer roles and responsibilities; management structures in general and specialist organisations; preparation for employment; legalities and liabilities; the client/designer relationship; structure of work practices in design; role of professional bodies; and various case studies. Students also are given the opportunity to research the professional areas of their interest in terms of image projection and strategic positioning, and in response develop their own visual strategy. This subject also encourages the use of primary research methodologies including interviewing techniques, focus groups, and the development of quantitative material based on observation and interview.

87553

Visual Technologies 1

6cp; prerequisite(s): 87443 Typography 2
Undergraduate
Semester offered: Autumn
Offered at: City campus

Professional practice demands and each student's vocational orientation establishes the context for examining the theoretical issues surrounding the origination, perception, communication and application of visible

languages including images, text and symbols, generated by hand and through media technologies. A choice of exploratory projects within this subject enables students to select a level of media specialisation which can be further developed over all later stages of study. Each project examines ways of identifying and balancing the many requirements within the successful visual communication of information and ideas by encouraging students to explore and develop a range of personal approaches, methodologies and production processes. Depending on selection, students gain advanced knowledge of and skills in the design and production of text and image based visuals in areas of specialist practice. Options include image media, prepress, video media, computer interactive media and web media.

87555

Design Projects VC 5

6cp; prerequisite(s): 87445 Design Projects VC 4
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject focuses on the professional parameters of visual communication practice. Relevant aspects of client consultation, team work, user studies, case studies, production sourcing, professional specification writing, pre- and post-production detailing and business practice are presented and integrated into project briefs and activity requiring students to research, analyse, process and present visualised concepts for complex projects both real and equivalent to those undertaken in practice. This may occur in both individual- and group-based projects. Students are expected to learn to operate at a professional level and execute designs of a highly professional standard.

87661

Design Studies VC 6

6cp; prerequisite(s): 87551 Design Studies VC 5
Undergraduate
Semester offered: Spring
Offered at: City campus

Students conduct a piece of self-initiated empirical inquiry under the supervision of a staff member. A range of approaches is discussed and analysed to enable students to make informed decisions on their methodological approach. Critical analysis is encouraged. Presentation can take a variety of forms: text, images, multimedia. In

order to gain a better understanding of the Visual Communication design profession, students also participate in the Professional Placement Program.

87663

Visual Technologies 2

6cp; prerequisite(s): 87553 Visual Technologies 1
Undergraduate
Semester offered: Spring
Offered at: City campus

At this stage of the study strand students are encouraged to be self directed and challenged by the opportunity to explore the potential of their media of choice and/or motivated to better understand and develop professionally specific applications of design and visual technologies. Projects within this subject enable students to develop a level of media specialisation applicable to the professional focus at this level of study. Alternatively, students may negotiate a learning contract and plan learning according to personal goals. Options include image media, video media, computer interactive media and web media.

87665

Design Projects VC 6

6cp; prerequisite(s): 87555 Design Projects VC 5
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject focuses on teamwork, professionalism and community service through the development of design projects with real clients from community-based organisations. As members of a design team, students are expected to learn to operate at a professional level and execute designs of a highly professional standard. Typical design team project work includes: client briefings and interim presentations; team and project management; user testing when feasible; production sourcing and specifications; and the formal oral presentation of designed visual communication to the client and peer group.

87772

VC Project: Self-direction

6cp; prerequisite(s): 87665 Design Projects VC 6
Undergraduate
Semester offered: Autumn
Offered at: City campus

At this advanced level of study, students are encouraged to be self directed in their choice of projects to meet the needs of vocational goals and professional orientation. Students can select from a number of projects or negotiate a personally directed project using a learning contract (personal brief). This may be undertaken in the workplace as agreed between academic supervisor, student and employer. Projects aim to promote a continuing openness to new ideas and actively support individual and group enterprise, creative problem solving and the incorporation of change into the learning process. Through self-directed study students are encouraged to engage in a critique of current work practices in visual communication and investigate the anomalies which challenge the existing framework of professional practice and the social role of design in Australia in order to consolidate the direction of final-semester study.

87780

VC Studies: Research Dissertation

6cp; prerequisite(s): 87661 Design Studies VC 6
Undergraduate
Semester offered: Autumn
Offered at: City campus

In this subject, students are required to undertake a research project, oriented to support their personal direction, on a topic or area of study selected by the student under the guidance of a Supervising Lecturer. The dissertation can be presented in written form or can include a substantial component of visual research.

87880

VC: Major Project

6cp; prerequisite(s): all modules for Years 1,2 and 3 of the BDesign in Visual Communication
Undergraduate
Semester offered: Spring
Offered at: City campus

This final project subject combines all study fields and completes study in the Visual Communication course. Students undertake self-directed projects demanding high levels of professionalism and personal innovation.

Projects are academically supervised facilitating the process whereby students confidently move through the final stage from dependence to self-directed and lifelong learner. Students' personal aims to challenge existing situations, values and practices are supported through the process which also encourages students to define their place in society and practice in order to be immediately effective and ultimately influence the future direction of current practice. Final projects can take many forms and can include books, magazines, posters, packaging, films, videos, CDs, websites. All projects require students to undertake a process of critical analysis, synthesis and reflective evaluation as the intellectual basis of their working methodology. Students are required to independently define and address issues relating to appropriateness of design form in relation to communication objectives and content, user testing, production scheduling and project management. Assessment is undertaken by a panel of academics advised by external professional designers.

88304

Illustration 1

6cp
Undergraduate
Semester offered: Summer, Autumn
Offered at: City campus

This subject provides students with an understanding of the use of illustration as a communication tool, together with an introduction to a wide range of illustration media techniques and experience of their use in a number of applications relevant to their various design majors. A series of workshops, demonstrations and practical tasks concerned with a range of techniques and applications is undertaken.

88305

Photography 1: Documentation, Introduction to Black and White Photography

6cp
Undergraduate
Semester offered: Summer, Autumn, Winter, Spring
Offered at: City campus

This subject introduces students to the basic principles of camera and darkroom work in black and white photography. It involves an exploration of photography as a medium of observation and documentation. This is done through an examination of the genres of photo reportage and social documentary

photography. Students are introduced to basic compositional principals, 35 mm manual SLR camera functions, film exposure and development, and print enlargement.

88306

Textile Design 1

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

This studio-based subject introduces students to a range of textile processes and techniques. Students explore surface design through print-making methods including block printing, screen printing and experimental alternatives. Traditional, cultural and historical textiles are examined and allow students to develop a knowledge and awareness of textile precedents and how they may be integrated into contemporary textile practices.

88308

Film and Video Design 1

6cp
Undergraduate
Semester offered: Summer, Autumn
Offered at: City campus

This subject provides students with an understanding of the techniques and processes involved in the design of film and video productions with particular emphasis on animation and special effects design. The first (300) level semester involves an introduction to the basic language and technology of animation and special effects design in film and video production and to the roles of the art director and other members of the design team. Subsequent semester units provide students with the experience of script analysis, design research, storyboard design and character design. A series of lectures, screenings and discussions deal with the history, theory and practice of the screen media. Where possible, students are presented with the opportunity for appropriate specialisation. It should be noted that this subject is not a film and video production subject but has emphasis on the design aspects of production. The subject is offered only as access is available.

88309

Transportation Design 1

6cp
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject provides an introduction to vehicle design and a general understanding of these complex products. The program is essentially project oriented with a theoretical component covering engineering aspects such as basic dynamics, suspension systems, drive layout and their effect on overall design. Ergonomic and aesthetic considerations are studied. The subject may include field trips and guest lecturers.

88310

Design and Sustainable Human Futures 1

6cp
Undergraduate
Semester offered: Not offered in 2003
Offered at: City campus

Ecological crisis is now a fact of life. How can and should designers respond? This course explores the options available to designers from a philosophical and pragmatic perspective. Ecodesign covers the connection between searching for a means to achieve ecological sustainability and the everyday practices of the design disciplines. The concepts of social ecology are developed by students, often working in groups. Contemporary initiatives towards providing sustainable benefits are examined. The outcome of the class is positive action. The main aim is to explore collectively, to encourage students to rethink and reconstruct their own design practices, and to work towards design solutions that facilitate ecological sustainability. The class determines the outcomes.

88311

Furniture Design 1

6cp; prerequisite(s): a high level of competency in the communication areas of orthographic drawing and 3D representation
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject introduces students to furniture design. It examines, through the academic fields of history, design theory, ergonomics and appropriate technology, the methodologies and systems of furniture design. Students progress through a series of projects

and gain a specialised knowledge of the area of design and fabrication of furniture pieces. Students are expected to realise models and prototypes of their designed works in the later stages of the course. Lectures and workshop classes are supported by factory and workshop visits.

88312**Design for Theatre 1**

6cp

Undergraduate

Semester offered: Autumn

Offered at: City campus

This subject introduces students to the specialised area of design for performances in theatre spaces. It examines, through the academic fields of history, design methodology, and script analysis, the professional roles of the set and costume designer. This is a multidisciplinary subject which brings students together to solve specific design problems. The first level of this subject deals with the various roles of members of the design team and explores the basic language and procedures in theatre. In subsequent semesters, students develop their specialised knowledge through designing productions of an increasingly complex nature.

Problems are delivered and assessed by visiting professional performers from a range of areas including drama, opera and ballet.

88330**Cinema and Design to 1960**

6cp

Undergraduate

Semester offered: Autumn

Offered at: City campus

The subject studies those films up to 1960 which have had significant commercial and/or creative impact in terms of mise en scène and genre. Mise en scène includes production design, set design, costume design, special effects, sound design, graphic design, editing and story structure. The roles and intentions of key creative personnel are a part of this. Genres include musical, thriller, sci-fi, comedy, western and film noir. The overall approach is to address the relationship of mise en scène and genre to the narrative of the selected films.

88404**Illustration 2**

6cp; prerequisite(s): 88304 Illustration 1 or approved equivalent

Undergraduate

Semester offered: Spring

Offered at: City campus

Continuation of 88304.

88405**Photography 2: Communication, Intermediate Black and White Photography**

6cp; prerequisite(s): 88305 Photography 1:

Documentation, Introduction to Black and White

Photography or approved equivalent

Undergraduate

Semester offered: Spring

Offered at: City campus

This subject extends students understanding of composition, exposure and development to an intermediate level. Photography 2 extends the task of Photography 1 beyond observation and documentation by exploring its communicative potential through the development of photographic narratives. Students are introduced to different film types and speeds, different film developers, push and pull development of film for contrast control, and working in different lighting conditions.

88406**Textile Design 2**

6cp; prerequisite(s): 88306 Textile Design 1

Undergraduate

Semester offered: Spring

Offered at: City campus

This subject is a progression from 88306 Textile Design 1. Students continue to examine surface design concepts, techniques and processes with a focus on resist dyeing, fabric manipulation, fibres, fabrics and dyeing techniques. Continued exploration and research into traditional, cultural and contemporary textiles allows students to continue to develop an awareness of the diversity of textile processes and practices.

88408**Film and Video Design 2**

6cp; prerequisite(s): 88308 Film and Video Design 1 or approved equivalent

Undergraduate

Semester offered: Spring

Offered at: City campus

Continuation of 88308.

88409**Transportation Design 2**

6cp; prerequisite(s): 88309 Transportation Design 1
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject further develops the student's understanding of the complexity of designing road vehicles with more detailed design projects emphasising the marketing/design relationship. Other areas of transportation are introduced, accompanied by relevant theory components. Specific design projects initiated by students may be included.

88410**Design and Sustainable Human Futures 2**

6cp; prerequisite(s): 88310 Design and Sustainable Human Futures 1 or approved equivalent
Undergraduate
Semester offered: Not offered in 2003
Offered at: City campus

This subject gives hands-on experience to people wishing to practise ecodesign. The program develops the foundation of sustainable design practice laid down by 88310 Design and Sustainable Human Futures 1. In particular, the role of systems thinking in relation to key ecological processes is explored, and the opportunities for ecodesign intervention in real community activities are developed. Projects range from a feasibility study through to a final evaluation from an ecological perspective. The creation and operation of relational working groups is an important part of the program. Real projects and clients and site visits are included. Participants are expected to be pro-active and interactive.

88411**Furniture Design 2**

6cp; prerequisite(s): 88311 Furniture Design 1 or approved equivalent
Undergraduate
Semester offered: Spring
Offered at: City campus
Continuation of 88311.

88412**Design for Theatre 2**

6cp; prerequisite(s): 88312 Design for Theatre 1 or approved equivalent
Undergraduate
Semester offered: Spring
Offered at: City campus
Continuation of 88312.

88430**Cinema and Design from 1960**

6cp
Undergraduate
Semester offered: Spring
Offered at: City campus

The subject studies those films since 1960, which have had significant commercial and/or creative impact in terms of mise en scène and genre. Mise en scène includes production design, set design, costume design, special effects, sound design, graphic design, editing and story structure. The roles and intentions of key creative personnel are a part of this. Genres include musical, thriller, sci-fi, comedy, western and film noir. The overall approach is to address the relationship of mise en scène and genre to the narrative of the selected films. During the semester, there is a guest lecture by a practicing film designer.

88503**Film and Video Design 3**

6cp; prerequisite(s): 88408 Film and Video Design 2 or approved equivalent
Undergraduate
Semester offered: Autumn
Offered at: City campus
Continuation of 88408.

88504**Illustration 3**

6cp; prerequisite(s): 88404 Illustration 2 or approved equivalent
Undergraduate
Semester offered: Spring
Offered at: City campus
Continuation of 88404.

88505**Photography 3: Fabrication, Introduction to Colour Photography**

6cp; prerequisite(s): 88405 Photography 2: Communication, Intermediate Black and White Photography or approved equivalent
Undergraduate
Semester offered: Summer, Autumn
Offered at: City campus

This subject deals with the notions of the 'fabricated' image under the guise of editorial portraiture, fashion and advertising photography. The conscious manipulation of spaces, places and subjects to achieve a preplanned outcome is explored. Students are introduced to colour photography, medium format camera use, portable artificial lighting,

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advanced available lighting techniques and the conversion of images from the analogue realm to the digital.

88506

Textile Design 3

6cp; prerequisite(s): 88406 Textile Design 2
Undergraduate
Semester offered: Autumn
Offered at: City campus

This subject allows students to work with more complex treatments of fabric including chemical applications, construction and deconstruction of cloth. Investigation and research into contemporary and historical design practice is applied into a studio based project.

88509

Transportation Design 3

6cp; prerequisite(s): 88409 Transportation Design 2 or approved equivalent
Undergraduate
Semester offered: Autumn
Offered at: City campus
Continuation of 88409.

88510

Design and Sustainable Human Futures 3

6cp; prerequisite(s): 88410 Design and Sustainable Human Futures 2 or approved equivalent
Undergraduate
Semester offered: Not offered in 2003
Offered at: City campus
Continuation of 88410.

88511

Furniture Design 3

6cp; prerequisite(s): 88411 Furniture Design 2 or approved equivalent
Undergraduate
Semester offered: Autumn
Offered at: City campus
Continuation of 88411.

88512

Design for Theatre 3

6cp; prerequisite(s): 88412 Design for Theatre 2 or approved equivalent
Undergraduate
Semester offered: Autumn
Offered at: City campus
Continuation of 88412.

88603

Film and Video Design 4

6cp; prerequisite(s): 88503 Film and Video Design 3 or approved equivalent
Undergraduate
Semester offered: Spring
Offered at: City campus
Continuation of 88503.

88604

Illustration 4

6cp; prerequisite(s): 88504 Illustration 3 or approved equivalent
Undergraduate
Semester offered: Spring
Offered at: City campus
Continuation of 88504.

88605

Photography 4: Construction, Introduction to Studio Photography

6cp; prerequisite(s): 88505 Photography 3: Fabrication, Introduction to Colour Photography or approved equivalent
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject further explores the notion of the constructed image by exploring the possibilities of the studio environment in relation to people and objects. It also explores the way in which spaces and places can be represented and manipulated through studio photography. Students are introduced to large format camera use and studio lighting.

88606

Textile Design 4

6cp; prerequisite(s): 88506 Textile Design 3
Undergraduate
Semester offered: Spring
Offered at: City campus

This subject takes a more theoretical approach to the exploration of textile and surface design. Students are encouraged to apply knowledge gained from previous levels into a self-directed conceptual design project for interior/industrial application. Students are encouraged to source appropriate/suitable fabrics, research into the conceptual use of textiles in the built environment and present visual documentation of selected textiles and surfaces associated with a specific project or site.

88609**Transportation Design 4**

6cp; prerequisite(s): 88509 Transportation Design 3 or approved equivalent

Undergraduate

Semester offered: Spring

Offered at: City campus

Continuation of 88509.

88610**Design and Sustainable Human Futures 4**

6cp; prerequisite(s): 88510 Design and Sustainable Human Futures 3 or approved equivalent

Undergraduate

Semester offered: Not offered in 2003

Offered at: City campus

Continuation of 88510.

88611**Furniture Design 4**

6cp; prerequisite(s): 88511 Furniture Design 3 or approved equivalent

Undergraduate

Semester offered: Spring

Offered at: City campus

Continuation of 88511.

88612**Design for Theatre 4**

6cp; prerequisite(s): 88512 Design for Theatre 3 or approved equivalent

Undergraduate

Semester offered: Spring

Offered at: City campus

Continuation of 88512.

89012**Design Practice 2**

4cp; prerequisite(s): 89914 Design Practice 1 or approved equivalent

Postgraduate

Semester offered: Spring

Offered at: City campus

This subject continues on from 89914 Design Practice 1 and provides an understanding of the designer/client interface in interior and industrial design. Students undertake two individual research and design projects.

89013**Design Case Studies 2**

4cp; prerequisite(s): 89912 Design Case Studies 1 or approved equivalent

Postgraduate

Semester offered: Spring

Offered at: City campus

A continuation of 89912.

89912**Design Case Studies 1**

4cp

Postgraduate

Semester offered: Autumn

Offered at: City campus

This subject covers the following topics: forms of design practice; the design processes used in the solution of a broad range of design problems; the values employed by designers in their work; and the means by which designs are evaluated. Areas addressed include landscape design, architecture, interior design, fashion design, textile design, industrial design, film and television production, graphic design, and exhibition design. Lectures involve practising designers, who focus on their professional roles, responsibilities and methods and the subject presents students with an overview of current design practice.

89914**Design Practice 1**

4cp

Postgraduate

Semester offered: Autumn

Offered at: City campus

This subject covers design methods and techniques of research, decision making and evaluation involved in the practice of design and the designer/client interface. Students work with a designer in the development of a design proposal in the area of exhibition or environmental design or the manufacturing or communication industry. Students undertake two individual research and design projects.

89917**Design Project (PT)**

12cp

Postgraduate

Semester offered: Autumn, Spring

Offered at: City campus

This subject is a program of individual supervised research or design. Assessment is made on submission of an original body of

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work which usually includes four elements: research, development, evaluation and report. Topics include the following: research, new product development, packaging, pricing, promotion, advertising, product image, test marketing, strategies and tactics for existing products, services and societal marketing, legislation, consumerism.

89918

Design Project (FT)

24cp

Postgraduate

Semester offered: Autumn, Spring

Offered at: City campus

As for 89917 Design Project (PT).

89950

Weisbaden

Undergraduate

Semester offered: Autumn, Spring

Offered at: Weisbaden (Germany)

This subject is used for concurrent studies overseas undertaken by Bachelor of Design students.

89951

University of Brighton

Undergraduate

Semester offered: Autumn, Spring

Offered at: University of Brighton (UK)

This subject is used for concurrent studies overseas undertaken by Bachelor of Design students.

89952

St Martin's College of Design

Undergraduate

Semester offered: Autumn, Spring

Offered at: St Martins College of Design (UK)

This subject is used for concurrent studies overseas undertaken by Bachelor of Design students.

89953

Kyushu 1

Undergraduate

Semester offered: Autumn, Spring

Offered at: Kyushu (Japan)

This subject is used for concurrent studies overseas undertaken by Bachelor of Design students.

89954

Kyushu 2

Undergraduate

Semester offered: Autumn, Spring

Offered at: Kyushu (Japan)

This subject is used for concurrent studies overseas undertaken by Bachelor of Design students.

89955

Yonsei

Undergraduate

Semester offered: Autumn, Spring

Offered at: Yonsei (Korea)

This subject is used for concurrent studies overseas undertaken by Bachelor of Design students.

89956

Ryerson

Undergraduate

Semester offered: Autumn, Spring

Offered at: Ryerson (Canada)

This subject is used for concurrent studies overseas undertaken by Bachelor of Design students.

89957

Voralberg

Undergraduate

Semester offered: Autumn, Spring

Offered at: Voralbergs (Germany)

This subject is used for concurrent studies overseas undertaken by Bachelor of Design students.

89958

Technical University Berlin

Undergraduate

Semester offered: Autumn, Spring

Offered at: Technical University of Berlin (Germany)

This subject is used for concurrent studies overseas undertaken by Bachelor of Design students.

89960

Manchester Metro

Undergraduate

Semester offered: Autumn, Spring

Offered at: Manchester Metro (UK)

This subject is used for concurrent studies overseas undertaken by Bachelor of Design students.

89961**Ryerson 2**

Undergraduate

Semester offered: Autumn, Spring

Offered at: Ryerson (Canada)

This subject is used for concurrent studies overseas undertaken by Bachelor of Design students.

89962**TU Delft**

Undergraduate

Semester offered: Autumn, Spring

Offered at: TU Delft (Netherlands)

This subject is used for concurrent studies overseas undertaken by Bachelor of Design students.

SUBJECTS OFFERED BY OTHERS

21715**Strategic Management**

6cp; prerequisite(s): 22747 Accounting for Managerial Decisions or 22784 Accounting: Concepts and Applications; 25706 Economics for Management or 25745 Economics: Concepts and Applications; 24734 Marketing Management or 24746 Marketing: Concepts and Applications; 25742 Financial Management or 25746 Financial Management: Concepts and Applications
Postgraduate

This is an integrating subject concerned with top management strategy for, and management of, change in the economic and social environments of business. Case studies from real business situations are examined. Topics include strategy formulation, strategic planning, management audits, management of change, and social responsibility and corporate effectiveness.

21718**Organisation Analysis and Design**

6cp; prerequisite(s): four years' work experience
Postgraduate

This subject develops skills in organisational analysis. It also develops diagnostic and prescriptive skills in regard to organisations and focuses on the description and analysis of organisations as formal structures, political systems and cultural entities.

21720**Employment Relations**

6cp; prerequisite(s): four years' work experience
Postgraduate

This subject presents an introduction to the areas of industrial relations and human resource management. Topics covered include historical steps in the development of the human resource function and the forces that have shaped its development; major functions of employment relations managers; the relationship between the human resource and industrial relations functions in the modern organisation; the nature of industrial relations and the contribution to understanding made by several conflict theorists; the structure and functioning of formal industrial relations; the form and function of the employer and employee organisations, parties to employment

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relations; and the nature of efficiency restructuring and enterprise bargaining and their impact upon the management of employment relations.

21813

Managing People

6cp; prerequisite(s): four years' work experience
Postgraduate

This subject uses a behavioural science theory and research perspective to diagnose organisational processes. Students learn to apply behavioural science ideas to analyse individual performance issues and organisational processes in the management of human performance at work; relate people management practices to developments in management thought and to changing values in the world of business and administration; critically evaluate the major theories and models that have been developed to explain individual, group and inter-group behaviour in work organisations; and appraise organisational communication practices in the context of organisational diversity.

The subject provides an introduction to the field of people management; basic individual psychology; motivation, job design and performance management; managing groups at work; self-managing work teams; inter-group behaviour and conflict in organisations; leadership; behavioural aspects of decision making; and communication for people management.

22747

Accounting for Managerial Decisions

6cp; prerequisite(s): four years' work experience
Postgraduate

This subject introduces students to the basics of financial and management accounting. Topics include the nature and purpose of accounting, accounting reports (balance sheets, profit and loss statements, cash flow statements) and analysing accounting; accounting reports and financial reports; the nature of management accounting and cost concepts; strategic planning and budgeting; cost accumulation systems (traditional costing systems and activity-based costing systems); and responsibility accounting (the management control structure, and analysing and reporting on performance).

24734

Marketing Management

6cp; prerequisite(s): four years' work experience
Postgraduate

This subject recognises marketing as a key managerial decision-making area, in particular relating the organisation to its environment to bring about change. Drawing extensively on the literature in marketing and marketing management, the subject adopts a range of teaching approaches to demonstrate the nature and complexity of managerial marketing decision making, and at the same time develops knowledge and skills for effectively managing the complexity of exchange processes.

25706

Economics for Management

6cp; prerequisite(s): four years' work experience
Postgraduate

This subject provides an intensive introduction to the two major components of economic theory – microeconomics (which deals with the behaviour of individuals, firms and industries) and macroeconomics (which deals with the behaviour of the national and international economies). It provides a working knowledge of the economic environment for managers.

25742

Financial Management

6cp; prerequisite(s): four years' work experience
Postgraduate

This subject provides the analytical framework for corporate financial decisions. It introduces students to financial theory and to the tools of financial decision making and is concerned primarily with investment project evaluation and determining the financing mix necessary to achieve the firm's financial objectives. Topics include the conceptual basis of financial decisions, accounting statements and cash flow, net present value, the valuation of debt and equity, capital budget issues, risk and return, the capital asset pricing model (CAPM), and capital structure – determinants of the optimal balance of debt and equity, dividend policy, and leasing.

50140**Comparative Social Change**

8cp

The aim of this subject is to provide students with an understanding of the processes of modernisation and social change in a comparative context using case studies in countries of Western Europe, Latin America, East and South-East Asia. The lectures highlight a number of key issues, e.g. whether the processes of social change are universal or specific; the consequences of modernisation in and for the economy, politics, society, culture and ideology of non-Western societies and whether the established Eurocentric analytical models are still useful in understanding the modern world. Students gain an understanding of differing interpretations of modernisation flowing from various relations of power and the multiplicity of views regarding the meaning and significance of modernisation.

50293**Community Research Elective (UG)**

6cp

This subject aims to provide both single or multidisciplinary-based learning options for students in all courses in a flexible learning environment. The subject is carried out with a community partner, organised and administered through UTS Shopfront and supervised by relevant academics. The subject aims to give students the opportunity to develop their intellectual and professional skills to a high degree of excellence in a real-life environment. Through this elective students are able to put their research skills to the test, establishing the relevance of academic frameworks and research methodologies. While having access to an academic supervisor and to advice from UTS Shopfront staff, students are required to be substantially self-motivating. They must be capable of bridging the divide between university and community, bringing to bear theoretical or policy debates in what are often very specific social settings. The elective offers a challenging but highly rewarding experience, and has been used as a way of opening up options for more in-depth social research, e.g. through the Social Inquiry Honours program.

50294**Community Research Elective (UG)**

8cp

This subject aims to provide both single or multidisciplinary-based learning options for students in all courses in a flexible learning environment. The subject is carried out with a community partner, organised and administered through UTS Shopfront and supervised by relevant academics. The subject aims to give students the opportunity to develop their intellectual and professional skills to a high degree of excellence in a real-life environment. Through this elective students are able to put their research skills to the test, establishing the relevance of academic frameworks and research methodologies. While having access to an academic supervisor and to advice from UTS Shopfront staff, students are required to be substantially self-motivating. They must be capable of bridging the divide between university and community, bringing to bear theoretical or policy debates in what are often very specific social settings. The elective offers a challenging but highly rewarding experience, and has been used as a way of opening up options for more in-depth social research, e.g. through the Social Inquiry Honours program.

50295**Community Research Elective (PG)**

6cp

This subject aims to provide both single or multidisciplinary-based learning options for students in all courses in a flexible learning environment. The subject is carried out with a community partner, organised and administered through UTS Shopfront and supervised by relevant academics. The subject aims to give students the opportunity to develop their intellectual and professional skills to a high degree of excellence in a real-life environment. Through this elective students are able to put their research skills to the test, establishing the relevance of academic frameworks and research methodologies. While having access to an academic supervisor and to advice from UTS Shopfront staff, students are required to be substantially self-motivating. They must be capable of bridging the divide between university and community, bringing to bear theoretical or policy debates in what are often very specific social settings. The elective offers a challenging but highly rewarding experience, and has been used as a way of opening up options for more in-depth social research, e.g. through the Social Inquiry Honours program.

50296**Community Research Elective (PG)**

8cp

This subject aims to provide both single or multidisciplinary-based learning options for students in all courses in a flexible learning environment. The subject is carried out with a community partner, organised and administered through UTS Shopfront and supervised by relevant academics. The subject aims to give students the opportunity to develop their intellectual and professional skills to a high degree of excellence in a real-life environment. Through this elective students are able to put their research skills to the test, establishing the relevance of academic frameworks and research methodologies. While having access to an academic supervisor and to advice from UTS Shopfront staff, students are required to be substantially self-motivating. They must be capable of bridging the divide between university and community, bringing to bear theoretical or policy debates in what are often very specific social settings. The elective offers a challenging but highly rewarding experience, and has been used as a way of opening up options for more in-depth social research, e.g. through the Social Inquiry Honours program.

59304**English for Academic Purposes 1**

8cp; prerequisite(s): IELTS score 5.0 (students with an IELTS of 6.0 and above are exempt from this subject)

This is the first of two subjects specifically for international students. The aim of these subjects is to ensure that students' language and study skills have developed sufficiently to enable them to successfully participate in classes alongside other UTS students.

The subjects focus on developing the language and learning skills required for tertiary study in Australia. They integrate the four macro-skills – reading, writing, listening and speaking – into a thematic approach which looks at a variety of contemporary issues in Australian culture and society. These issues are linked to subjects which may be studied in subsequent years at UTS. Students take a critical/analytical approach to understanding and producing written and spoken texts appropriate for an Australian tertiary context.

59305**English for Academic Purposes 2**

8cp; prerequisite(s): IELTS score 6.0 or 59304
English for Academic Purposes 1

This is the second of two subjects specifically for international students. The aim of these subjects is to ensure that students' language and study skills have developed sufficiently to enable them to successfully participate in classes alongside other UTS students.

The subjects focus on developing the language and learning skills required for tertiary study in Australia. They integrate the four macro-skills – reading, writing, listening and speaking – into a thematic approach which looks at a variety of contemporary issues in Australian culture and society. These issues are linked to subjects which may be studied in subsequent years at UTS. Students take a critical/analytical approach to understanding and producing written and spoken texts appropriate for an Australian tertiary context.

59306**Researching Australia 1 – Ethnography**

8cp; prerequisite(s): IELTS score 5.0

This is the first of two subjects specifically for international students in the Advanced Diploma in Australian Language and Culture. The aim of these subjects is to introduce students to a range of intercultural issues and to investigate the cultural norms of Australian society through the application of specific research methods. At this level, students use ethnographic techniques to investigate aspects of contemporary Australian experience.

59307**Researching Australia 2 – Researching for Study**

8cp; prerequisite(s): IELTS score 6.0 or 59306
Researching Australia 1 – Ethnography

This is the second of two subjects specifically for international students in the Advanced Diploma in Australian Language and Culture. The aim of these subjects is to introduce students to a range of intercultural issues and to investigate the cultural norms of Australian society through the application of specific research methods. At this level, students use questionnaire and interview techniques to investigate aspects of contemporary student life and present their research both orally and in written report form.

59308**Australian Society and Culture 1**

8cp; prerequisite(s): IELTS score 5.0

This is the first of two subjects specifically for international students in the Advanced Diploma in Australian Language and Culture. In these subjects students are introduced to several aspects of Australian society and culture: the indigenous experience; aspects of rural and urban Australia; the history of migration; and the development of multiculturalism. Students explore these aspects through film, documentaries, literature, music, art, sport events, etc. Visits to cultural institutions as well as presentations and guest lectures from experts are key features of these subjects.

59309**Australian Society and Culture 2**

8cp; prerequisite(s): IELTS score 6.0 or 59308
Australian Society and Culture 1

This is the second of two subjects specifically for international students in the Advanced Diploma in Australian Language and Culture. In these subjects students are introduced to several aspects of Australian society and culture: the indigenous experience; aspects of rural and urban Australia; the history of migration; and the development of multiculturalism. Students explore these aspects through film, documentaries, literature, music, art, sport events, etc. Visits to cultural institutions as well as presentations and guest lectures from experts are key features of these subjects.

59310**Postgraduate Study in Australia**

8cp; prerequisite(s): IELTS score 5.5 (minimum of 5.5 in writing); corequisite(s): enrolled in a postgraduate research degree at UTS

This is the first of three compulsory subjects in the Graduate Certificate in English for Academic Purposes (GCEAP) specifically for international students enrolled in a postgraduate research degree at UTS. The aim of this intensive subject is to provide students with a foundation in academic literacy and oracy skills required to start postgraduate studies at UTS.

This subject focuses on developing the language and learning skills required for tertiary study in an Australian university. It integrates the four macro-skills – reading, writing, listening and speaking – into a

thematic approach which looks at a variety of contemporary issues in Australian culture and society. The subject also provides students with an understanding of studying at an Australian university and living in Australia.

59311**Academic English for Postgraduate Study**

8cp; prerequisite(s): 59310 Postgraduate Study in Australia or equivalent; corequisite(s): enrolled in a postgraduate research degree at UTS

This is the second of three compulsory subjects in the Graduate Certificate in English for Academic Purposes (GCEAP) specifically for international students enrolled in a postgraduate research degree at UTS. The aim of this intensive subject is to provide students with academic literacy and oracy skills required to be effective postgraduate students.

This subject focuses on developing the academic written and spoken language skills required for postgraduate study in the students' disciplines. These academic skills are developed in the context of students' areas of study and in conjunction with staff from faculties across UTS. Students take a critical/analytical approach to understanding and producing written and spoken texts appropriate for the Australian context. The subject focuses in particular on critical reading skills, paraphrasing and summarising, selecting, evaluating and using a variety of sources of information, developing written arguments, presenting seminars, etc. In this subject, texts are selected and assessment prepared jointly by academic literacy experts and postgraduate coordinators and supervisors in students' faculties.

59312**Postgraduate Academic Writing in Context**

8cp; prerequisite(s): 59311 Academic English for Postgraduate Study or equivalent; corequisite(s): enrolled in a postgraduate research degree at UTS

This is the final of three compulsory subjects in the Graduate Certificate in English for Academic Purposes (GCEAP) specifically aimed at international students enrolled in a postgraduate research degree at UTS. The aim of this subject is to provide students with ongoing integrated academic literacy and oracy support during the first semester of their postgraduate studies at UTS.

This subject focuses on consolidating postgraduate international students' academic literacy and oracy skills while they complete

the first semester of postgraduate studies at UTS. The subject focuses on advanced skills in reading, text drafting and editing, the development of critical writing skills and the preparation of postgraduate assignments or research documents (articles, conference papers, etc.).

59314

Australian English Language and Culture 1

24cp; 20hpw

This subject enables international students from language backgrounds other than English to develop their English language skills through the study of aspects of contemporary Australian society and culture. Through both class activities and excursions, it introduces students to a range of intercultural issues and provides them with opportunities to interact with native speakers in order to develop the cultural understanding, skills, knowledge and confidence required to use English and participate actively in a variety of settings. The subject focuses particularly on oral skills and includes some participation in mainstream University classes. Students complete a major project using ethnographic research techniques.

59315

Australian English Language and Culture 2

24cp; 20hpw; prerequisite(s): 59314 Australian English Language and Culture 1 or equivalent

This subject continues the language skill development of 59314 Australian English Language and Culture 1 and extends student participation in mainstream University classes. Students complete a number of field projects on topics relating to their own interests or study areas. Lecturers coordinate student progression through these projects through individual and group meetings, presentations by guest speakers, excursions and readings.

59318

Seminar Presentation

6cp; over 10 weeks

This elective is one of five subjects offered by the ELSSA Centre and it is aimed at non-English-speaking-background students who need to develop their seminar presentation skills. It focuses on the analysis of topics relevant to different academic areas of study and the development of seminar presentation skills.

59319

Communication for Employment

6cp; over 10 weeks

This elective is one of five subjects offered by the ELSSA Centre and it is aimed at non-English-speaking-background students who need to develop their employment-seeking skills. It focuses on the analysis of recruitment advertisements relevant to different academic areas of study, and the development of writing and speaking skills required for gaining employment. It also covers work-related communication skills.

59320

English for Business

6cp; over 10 weeks

This elective is one of five subjects offered by the ELSSA Centre and it is aimed at non-English-speaking-background business students who need to develop their written and spoken communication skills. It focuses on the critical analysis of topics relevant to business study, the development of essay outlines, report outlines, seminar structures and the final preparation of an essay, a report and a seminar.

85208

Reconciliation Studies

6cp
Undergraduate

Reconciliation is a key strategy for a sustainable future for Australia. By reconciliation we mean creating 'a united Australia which respects this land of ours; values the Aboriginal and Torres Strait Islander heritage; and provides justice and equity for all' (Council for Aboriginal Reconciliation, 1992). Reconciliation Studies introduces students to the challenges of this process. Core reconciliation issues are investigated and discussed, drawing on relevant life experiences, academic research and professional practice. Skills in applying reconciliation principles in a professional field, industry or community are developed, including the use of cultural plurality and diversity of perspectives found in reference material and the classroom.

85209**Reconciliation Studies**

8cp
Undergraduate

Reconciliation is a key strategy for a sustainable future for Australia. By reconciliation we mean creating 'a united Australia which respects this land of ours; values the Aboriginal and Torres Strait Islander heritage; and provides justice and equity for all' (Council for Aboriginal Reconciliation, 1992). Reconciliation Studies introduces students to the challenges of this process. Core reconciliation issues are investigated and discussed, drawing on relevant life experiences, academic research and professional practice. Skills in applying reconciliation principles in a professional field, industry or community are developed, including the use of cultural plurality and diversity of perspectives found in reference material and the classroom.

85210**Reconciliation Studies**

6cp
Postgraduate

Reconciliation is a key strategy for a sustainable future for Australia. By reconciliation we mean creating 'a united Australia which respects this land of ours; values the Aboriginal and Torres Strait Islander heritage; and provides justice and equity for all' (Council for Aboriginal Reconciliation, 1992). Reconciliation Studies introduces students to the challenges of this process. Core reconciliation issues are investigated and discussed, drawing on relevant life experiences, academic research and professional practice. Skills in applying reconciliation principles in a professional field, industry or community are developed, including the use of cultural plurality and diversity of perspectives found in reference material and the classroom.

85211**Reconciliation Studies**

8cp
Postgraduate

Reconciliation is a key strategy for a sustainable future for Australia. By reconciliation we mean creating 'a united Australia which respects this land of ours; values the Aboriginal and Torres Strait Islander heritage; and provides justice and equity for all' (Council for Aboriginal Reconciliation, 1992). Reconciliation Studies introduces students to the challenges of this process. Core reconciliation issues are investigated and discussed, drawing on relevant life experiences, academic research and professional practice. Skills in applying reconciliation principles in a professional field, industry or community are developed, including the use of cultural plurality and diversity of perspectives found in reference material and the classroom.

INTERNATIONAL STUDIES SUBJECTS

Language and Culture programs

97x111

Chinese Language and Culture

4 x 8cp

971111, 972111, 973111, 974111

The above subject numbers indicate the sequence order of language and culture subjects studied at UTS. The first language and culture subject studied, regardless of the level at which you study it, has 1 as the third digit of the subject number; the second subject studied has 2 as the third digit of the subject number; and so on.

The subject number does not indicate the level at which you study the language and culture subject. To determine the level at which you study, contact the Institute for International Studies.

The Chinese program is open to students who are either complete beginners, who first learnt Chinese at secondary school level in Australia or who already have a working knowledge of Chinese characters and communicative competence in a Chinese language other than Modern Standard Chinese. There are three points of entry into this program: Chinese Unit 1 for complete beginners; Chinese Unit 3 for students who have successfully completed HSC 2/3-unit Chinese; and Chinese Unit 7 for students who have a working knowledge of Chinese characters, as well as communicative competence in a Chinese language other than Modern Standard Chinese. Students in the combined degree take four consecutive units in the program, usually either units 1–4, 3–6 or 7–10, determined by their point of entry. Other programs may be negotiated according to the student's level of proficiency.

The Chinese language program is designed to provide students with the communicative skills necessary to undertake In-country Study in China. A communicative approach is adopted for classroom instruction and students are expected to participate fully in class activities in the process of acquiring practical language skills. The teaching incorporates an introduction to Chinese culture and helps students to appreciate the wider cultural

ramifications of Chinese in various contexts. The program lays a solid foundation for further cultural studies in Chinese.

Chinese Unit 1

8cp; 6hpw; prerequisite: nil

Chinese Unit 1 aims to develop in students a survival communicative ability in basic social interactions. It teaches students Pinyin, the official transcription system, as a guide to the pronunciation of the Chinese language, and some basic structures and devices of the language. Students are expected to know about 300 Chinese characters by the end of this unit.

Chinese Unit 2

8cp; 6hpw; prerequisite: Chinese Unit 1

Chinese Unit 2 continues to develop in students a survival communicative ability in basic social interactions. It also introduces students to some of the basic structures and devices of the language. Students are expected to know about 600–800 Chinese characters by the end of this unit.

Chinese Unit 3

8cp; 6hpw; prerequisite: Chinese Unit 2 or HSC 2/3-unit Chinese

Chinese Unit 3 is the entry point for students who have completed HSC 2/3-unit Chinese and who first learnt Chinese at school in Australia.

Chinese Unit 3 aims to further develop students' oral communicative competence in basic social interactions. More written texts are gradually introduced to enhance the ability of students to use Chinese characters. The basic structures and devices of the language are reinforced. Students are expected to know about 1,200 Chinese characters by the end of this unit.

Chinese Unit 4

8cp; 6hpw; prerequisite: Chinese Unit 3

Chinese Unit 4 is the second unit for students who have completed HSC 2/3-unit Chinese.

Chinese Unit 4 aims to further develop students' communicative competence in basic social interactions. More written texts are introduced to enhance the ability of students to use Chinese characters. The basic structures and devices of the language are also reinforced. Students are expected to know about 1,600 Chinese characters by the end of this unit.

Chinese Unit 5

8cp; 6hpw; prerequisite: Chinese Unit 4

Chinese Unit 5 is the third unit for students who first learnt Chinese at school in Australia and obtained HSC 2/3-unit Chinese.

Chinese Unit 5 aims to further develop students' communicative competence in general social interactions. While reinforcing the macro-skills of reading, writing, listening and speaking, this unit focuses on practical writing skills. Students are expected to know about 2,000 Chinese characters by the end of this unit.

Chinese Unit 6

8cp; 6hpw; prerequisite: Chinese Unit 5

Chinese Unit 6 is the fourth subject for students who have obtained HSC 2/3-unit Chinese with basic communicative skills and the ability to undertake In-country Study in China.

Chinese Unit 6 aims to further develop students' communicative competence in general social interactions. While reinforcing basic structures and devices of the language, this unit further develops students' writing skills. Students are expected to know about 2,500 Chinese characters by the end of this unit.

Chinese Unit 7

8cp; 4hpw; prerequisite: a working knowledge of Chinese characters as well as communicative competence in a Chinese language other than Modern Standard Chinese.

Chinese Unit 7 is for students who have a working knowledge of Chinese characters as well as communicative competence in a Chinese language other than Modern Standard Chinese.

This unit aims to develop communicative competence to meet students' needs in social and professional interactions where Modern Standard Chinese (also known as Mandarin, Putonghua or Guoyu) is used. Simplified characters, pronunciation, intonation and situational Chinese usages are the focus of class instruction.

Chinese Unit 8

8cp; 4hpw; prerequisite: Chinese Unit 7 or equivalent

This unit aims to develop a communicative competence at a more sophisticated level. Students are exposed to a range of Chinese texts in varied sociocultural contexts in order to master the use of Chinese for different purposes, and are provided with opportunities

to further improve speaking and listening skills through discussions of the texts and making cross-cultural comparisons.

Chinese Unit 9

8cp; 4hpw; prerequisite: Chinese Unit 8 or equivalent

This unit aims to develop in students a high level of communicative competence required for understanding various electronic and published media articles, correspondence and texts related to contemporary society where Modern Standard Chinese (also known as Mandarin, Putonghua or Guoyu) is used. Students are exposed to a range of Chinese texts in order to master the use of Chinese for different purposes, and are provided with opportunities to maintain speaking and listening skills through discussion of the texts.

Chinese Unit 10

8cp; 4hpw; prerequisite: Chinese Unit 9 or equivalent

This unit aims to further develop in students a high level of communicative competence in reading and writing to meet students' needs in social and professional interactions. Modern Standard Chinese (also known as Mandarin, Putonghua or Guoyu) is used. Students are exposed to a range of diverse texts from modern Chinese literature, history, language and culture in order to master the use of written Chinese for different purposes, and are provided with further opportunities to maintain speaking and listening skills through discussion of the texts.

97x411**French Language and Culture**

4 x 8cp

971411, 972411, 973411, 974411

The above subject numbers indicate the sequence order of language and culture subjects studied at UTS. The first language and culture subject studied, regardless of the level at which you study it, has 1 as the third digit of the subject number; the second subject studied has 2 as the third digit of the subject number; and so on.

The subject number does not indicate the level at which you study the language and culture subject. To determine the level at which you study, contact the Institute for International Studies.

The French language program is for students who are either complete beginners or who first

learnt French at school. There are two points of entry: the first for complete beginners; the second for students who have successfully completed HSC 2/3-unit French, or its equivalent. Students in the combined degree take four units in the program, either units 1–4 (beginners) or 3–6 (post-HSC), determined by their point of entry. Students with a language competence in French that is higher than the program may be able to undertake further studies in French at other universities in the Sydney area through arrangements made by the Institute.

The language program covers a broad range of communicative situations relevant to daily interaction in French. The focus is on the development of speaking, listening, reading and writing skills appropriate to the situations that students are likely to encounter. Vocabulary and grammar cover a range of themes and are presented using written and audiovisual materials.

Upon successful completion of the program, students are expected to be able to communicate about familiar things, events and opinions and to have developed skills and strategies for continuing their learning of the language in French-speaking environments. Those students with prior knowledge of French entering the program at a higher level are expected to communicate comfortably on a wide range of topics, with the ability to adjust their language according to social variables such as formality, age and status. Each unit is covered in 13 weeks in one semester. There are six hours of language classes per week. Some of the class time may be conducted in the Learning Resources Centre using computers and the language laboratory.

French Unit 1

8cp; 1st semester, 6hpw; prerequisite: nil

French Unit 1 is the first in a series of four units designed to provide students who have no prior knowledge of the French language with basic survival skills in language and culture, and the ability to undertake In-country Study in France.

By the end of the unit, students are expected to have achieved 'elementary proficiency' and be able to satisfy immediate communication needs required in basic social interaction, using expressions and phrases they have learnt. The program allows for the development of listening, speaking, reading and writing skills, and an understanding of the sociocultural contexts in which the language is used. In

particular, students gain an awareness of the background of French-speaking countries. Students also develop strategies for predicting the meaning of new expressions and anticipating ways to express new meanings.

The approach adopted is communicative and provides students with many opportunities to interact and use the language in various social and cultural contexts. Audiovisual equipment and computers are used to facilitate learning.

French Unit 2

8cp; 2nd semester, 6hpw; prerequisite: French Unit 1 or equivalent

French Unit 2 is the second in a series of four units designed to provide students who have no prior knowledge of the French language with basic survival skills in language and culture, and the ability to undertake In-country Study in France.

By the end of the unit, students are expected to have achieved 'minimum survival proficiency' in speaking, listening, reading and writing and be able to satisfy immediate communication needs and minimum courtesy requirements required in basic social interaction. Students also develop an understanding of the sociocultural contexts in which the language is used and develop further communication strategies.

The approach adopted is communicative and provides many opportunities for students to interact and use the language in a meaningful way in various social and cultural contexts. Audiovisual equipment and computers are used to facilitate learning.

French Unit 3

8cp; 1st semester, 6hpw; prerequisite: French Unit 2, HSC French, or equivalent

French Unit 3 is the third in a series of four units for students with no prior knowledge of the French language, or the first in a series of four units for students who have successfully completed HSC 2/3-unit French, or its equivalent. It provides students with basic survival skills in French language and culture, and the ability to undertake In-country Study in France.

By the end of the unit, students are expected to have achieved communicative competence in speaking, listening, reading and writing skills to be able to satisfy all 'survival' needs and limited social needs. They are also expected to have developed an awareness of the various social and cultural contexts in which

the language is used. In this unit, students develop the ability to understand the general content of magazine and newspaper articles.

The approach adopted is communicative and provides many opportunities for students to interact and use the language in various social and cultural contexts. Audiovisual equipment and computers are used to facilitate learning.

French Unit 4

8cp; 2nd semester, 6hpw; prerequisite: French Unit 3 or equivalent

French Unit 4 is the fourth in a series of four units for students with no prior knowledge of the French language, or the second in a series of four units for students who have successfully completed French Unit 3, HSC 2/3-unit French, or its equivalent; and equips these students with basic survival skills in French language and culture and the ability to undertake In-country Study in France.

By the end of the unit, students are expected to have begun to develop the communication skills required to satisfy limited routine social or work demands related to the situation covered. Students would also have developed an awareness of the various social and cultural contexts in which the language is used. Students learn to express opinions, discuss education, entertainment and travel, and develop the language skills and background knowledge required to find accommodation.

The approach adopted is communicative and provides many opportunities for students to interact and use the language in various social and cultural contexts. Audiovisual equipment and computers are used to facilitate learning.

French Unit 5

8cp; 1st semester, 6hpw; prerequisite: French Unit 4 or equivalent

French Unit 5 is the third in a series of four units designed to provide students who have successfully completed French Unit 4, HSC 2/3-unit French, or its equivalent, with the ability to consolidate and extend their knowledge during a period of In-country Study in France.

By the end of the unit, students are expected to have achieved the communicative competence required to satisfy routine social demands and limited work requirements in speaking, listening, reading and writing skills. They are also expected to have developed an awareness of the various social and cultural contexts in which the language is used. Students learn to communicate in French and

to compare lifestyles, university life and education and practice interview techniques in preparation for In-country Study.

The approach adopted is communicative and provides many opportunities for students to interact and use the language in a meaningful way in various social and cultural contexts. There are discussions and debates on set topics. Audiovisual equipment and computers are used to facilitate learning.

French Unit 6

8cp; 2nd semester, 6hpw; prerequisite: French Unit 5 or equivalent

French Unit 6 is the fourth in a series of four units designed to provide students who have successfully completed French Unit 5, or its equivalent, with the ability to consolidate and extend their knowledge during a period of In-country Study in France.

By the end of the unit, students are expected to have achieved the communicative competence required for limited formal and informal conversations on practical and social topics. Students are also expected to have developed the ability to read and write with sufficient accuracy to meet a limited range of social needs and limited work needs. Language development focuses on topics such as economy, class and social stratification, gender roles, religion and beliefs, literature and the arts.

The approach adopted is communicative and provides many opportunities for students to interact and use the language in a meaningful way in various social and cultural contexts. There are discussions and debates on set topics. Audiovisual equipment and computers are used to facilitate learning.

French Unit 7

8cp; 1st semester, 4hpw; prerequisite: French Unit 6

French Unit 7 is designed to provide students who have successfully completed French Unit 6, or its equivalent, with the ability to consolidate and extend their knowledge of French in preparation for a period of In-country Study in France.

By the end of the unit, students are expected to be able to communicate confidently in French in a wide variety of everyday situations, and to have comprehension skills which enable them to read a wide variety of authentic materials in French. Students are expected to extend their knowledge of present-day French society and culture and to have acquired the

204 Subject descriptions

vocabulary and linguistic structures necessary to participate in formal and informal conversations with considerable accuracy.

The classroom approach provides students with opportunities to further develop their vocabulary, fluency and accuracy as they use French to respond to authentic texts and to discuss set topics. Students are required to read extensively in preparation for classroom presentations and discussions.

French Unit 8

8cp; 2nd semester, 4hpw; prerequisite: French Unit 7

French Unit 8 is designed to provide students who have successfully completed French Unit 7, or its equivalent, with the ability to consolidate and extend their knowledge of French in preparation for a period of In-country Study in France.

By the end of the unit, students are expected to demonstrate the linguistic skills and cultural awareness required to engage appropriately in a range of formal and informal discussions in social, professional and educational contexts.

The classroom approach provides students with opportunities to further develop their vocabulary, fluency and accuracy as they use French to discuss set topics and to respond to authentic texts, television programs and films. Students are required to read extensively in preparation for classroom presentations and discussions.

97x421

German Language and Culture

4 x 8cp

971421, 972421, 973421, 974421

The above subject numbers indicate the sequence order of language and culture subjects studied at UTS. The first language and culture subject studied, regardless of the level at which you study it, has 1 as the third digit of the subject number; the second subject studied has 2 as the third digit of the subject number; and so on.

The subject number does not indicate the level at which you study the language and culture subject. To determine the level at which you study, contact the Institute for International Studies.

The German language program is for students who are either complete beginners or who first learnt German at school. There are two points of entry: the first for complete beginners; the

second for students who have successfully completed HSC 2/3-unit German, or its equivalent. Students in the combined degree take four units in the program, either units 1–4 (beginners) or 3–6 (post-HSC), determined by their point of entry. Students with a language competence in German that is higher than the usual level accepted in the program may be able to undertake further studies in German at other universities in the Sydney area through arrangements made by the Institute.

The language program covers a broad range of communicative situations relevant to daily interaction in German. The focus is on the development of speaking, listening, reading and writing skills appropriate to the situations that students are likely to encounter. Vocabulary and grammar cover a range of themes.

Upon successful completion of the program, students are expected to be able to communicate about familiar things, events and opinions and to have developed skills and strategies for continuing their learning of the language in German-speaking environments. Those students with prior knowledge of German entering the program at a higher level are expected to communicate comfortably on a wide range of topics, with the ability to adjust their language according to social variables such as formality, age and status. Each unit is covered in 13 weeks in one semester. There are six hours of language classes per week. Some of the class time may be conducted in the Learning Resources Centre using computers and the language laboratory.

German Unit 1

8cp; 1st semester, 6hpw; prerequisite: nil

German Unit 1 is the first in a series of four units designed to provide students who have no prior knowledge of the German language with basic survival skills in German language and culture, and the ability to undertake In-country Study in Germany.

By the end of the unit, students are expected to have achieved 'elementary proficiency' and be able to satisfy immediate communication needs required in basic social interaction, using expressions and phrases they have learnt. The program allows for the development of listening, speaking, reading and writing skills, and an understanding of the sociocultural contexts in which the language is used. Students gain, in particular, an awareness of the background of German-speaking countries. Students also develop strategies for predicting the meaning of new expressions

and anticipating ways of expressing new meanings.

The approach adopted is communicative and provides students with many opportunities to interact and use the language in various social and cultural contexts. Audiovisual equipment and computers are used to facilitate learning.

German Unit 2

8cp; 2nd semester, 6hpw; prerequisite: German Unit 1 or equivalent

German Unit 2 is the second in a series of four units designed to provide students with no prior knowledge of the German language with basic survival skills in German language and culture, and the ability to undertake In-country Study in Germany.

By the end of the unit, students are expected to have achieved 'minimum survival proficiency' in speaking, listening, reading and writing and be able to satisfy immediate communication needs and minimum courtesy requirements required in basic social interaction. Students also develop an understanding of the sociocultural contexts in which the language is used and further communication strategies.

The approach adopted is communicative and provides many opportunities for students to interact and use the language in a meaningful way in various social and cultural contexts. Audiovisual equipment and computers may be used to facilitate learning.

German Unit 3

8cp; 1st semester, 6hpw; prerequisite: German Unit 2, HSC German, or equivalent

German Unit 3 is the third in a series of four units for students with no prior knowledge of the German language, or the first in a series of four units for students who have successfully completed HSC 2/3-unit German, or its equivalent. It provides students with basic survival skills in German language and culture and the ability to undertake In-country Study in Germany.

By the end of the unit, students are expected to have achieved the communicative competence in speaking, listening, reading and writing skills to be able to satisfy all 'survival' needs and limited social needs. They are also expected to have developed an awareness of the various social and cultural contexts in which the language is used. In this unit, students also develop the ability to understand

the general content of magazine and newspaper articles.

The approach adopted is communicative and provides many opportunities for students to interact and use the language in various social and cultural contexts. Audiovisual equipment and computers are used to facilitate learning.

German Unit 4

8cp; 2nd semester, 6hpw; prerequisite: German Unit 3 or equivalent

German Unit 4 is the fourth in a series of four units for students with no prior knowledge of the German language, or the second in a series of four units for students who have successfully completed German Unit 3, HSC 2/3-unit German, or its equivalent. It provides them with basic survival skills in German language and culture and the ability to undertake In-country Study in Germany.

By the end of the unit, students are expected to have begun to develop the communication skills required to satisfy limited routine social and work demands related to the situation covered. Students would also have developed an awareness of the various social and cultural contexts in which the language is used. Students learn to express opinions, discuss education, entertainment and travel, and develop the language skills and background knowledge required to find accommodation.

The approach adopted is communicative and provides many opportunities for students to interact and use the language in various social and cultural contexts. Audiovisual equipment and computers are used to facilitate learning.

German Unit 5

8cp; 1st semester, 6hpw; prerequisite: German Unit 4 or equivalent

German Unit 5 is the third in a series of four units designed to provide students who have successfully completed German Unit 4, HSC 2/3-unit German, or its equivalent, with the ability to consolidate and extend their knowledge during a period of In-country Study in Germany.

By the end of the unit, students are expected to have achieved the communicative competence required to satisfy routine social demands and limited work requirements in speaking, listening, reading and writing skills. Students would have developed an awareness of the various social and cultural contexts in which the language is used. Students learn to communicate in German when comparing lifestyles, university life and education and

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to practice interview techniques in preparation for In-country Study.

The approach adopted is communicative and provides many opportunities for students to interact and use the language in a meaningful way in various social and cultural contexts. There are discussions and debates on set topics. Audiovisual equipment and computers are used to facilitate learning.

German Unit 6

8cp; 2nd semester, 6hpw; prerequisite: German Unit 5 or equivalent

German Unit 6 is the fourth in a series of four units designed to provide students who have successfully completed German Unit 5, or its equivalent, with the ability to consolidate and extend their knowledge during a period of In-country Study in Germany.

By the end of the unit, students are expected to have achieved the communicative competence required to speak the language with reasonable accuracy, and to be able to participate readily in limited formal and informal conversations on practical and social topics. Students are also expected to have developed the ability to read and write with sufficient accuracy to meet a limited range of social needs and limited work needs. Language focuses on topics such as the economy, class and social stratification, gender roles, religion and beliefs, and literature and the arts.

The approach adopted is communicative and provides many opportunities for students to interact and use the language in a meaningful way in various social and cultural contexts. There are discussions and debates on set topics. Audiovisual equipment and computers are used to facilitate learning.

German Unit 7

4cp; 1st semester, 4hpw; prerequisite: German Unit 6

German Unit 7 is designed to provide students who have successfully completed German Unit 6, or its equivalent, with the ability to consolidate and extend their knowledge of the German language in preparation for a period of In-country Study in Germany.

By the end of the unit, students are expected to be able to communicate confidently and with a high level of accuracy in German in a wide range of formal and informal conversations, and to have comprehension skills which enable them to read a wide variety of authentic materials in German. Students are expected to be able to read and write for academic and

general purposes with sufficient accuracy to meet a wide range of social and academic needs.

The classroom approach provides students with opportunities to further develop their vocabulary, fluency and accuracy as they use German to respond to authentic texts and to discuss set topics. Students are required to read extensively in preparation for classroom presentations and discussions.

German Unit 8

4cp; 2nd semester, 4hpw; prerequisite: German Unit 7

German Unit 8 is designed to provide students who have successfully completed German Unit 7, or its equivalent, with the ability to consolidate and extend their knowledge of German in preparation for a period of In-country Study in Germany.

By the end of the unit, students are expected to have achieved a high level of proficiency and speak the language with a high level of accuracy. They are able to participate in a wide range of formal, informal and academic conversations on topics such as the economy, gender roles, social life, politics and current issues. They also learn about academic writing and develop academic skills such as note taking and essay writing in German. They are expected to read and write academic and general texts with a high degree of accuracy to meet a wide range of social and academic needs.

The classroom approach provides students with opportunities to further develop their vocabulary, fluency and accuracy as they use German to discuss set topics and to respond to authentic texts, television programs and films. Students are required to read extensively in preparation for classroom presentations and discussions.

97x710

Greek

4 x 8cp

971710, 972710, 973710, 974710

The above subject numbers indicate the sequence order of language and culture subjects studied at UTS. The first language and culture subject studied, regardless of the level at which you study it, has 1 as the third digit of the subject number; the second subject studied has 2 as the third digit of the subject number; and so on.

The subject number does not indicate the level at which you study the language and culture subject. To determine the level at which you study, contact the Institute for International Studies.

Greek is offered to UTS students through arrangements with other universities. Students are placed in classes appropriate to their level of competence. The program focuses on furthering writing and oral skills in contemporary Greek and learning about Hellenic literature, society and culture.

97x311

Indonesian Language and Culture

4 x 8cp

971311, 972311, 973311, 974311

The above subject numbers indicate the sequence order of language and culture subjects studied at UTS. The first language and culture subject studied, regardless of the level at which you study it, has 1 as the third digit of the subject number; the second subject studied has 2 as the third digit of the subject number; and so on.

The subject number does not indicate the level at which you study the language and culture subject. To determine the level at which you study, contact the Institute for International Studies.

Indonesian is offered to UTS students through arrangements with other universities. Students are placed in classes appropriate to their level of competence. The aim of the Indonesian language program is to give students a good working knowledge of modern written and spoken Indonesian and to enable them to express themselves in the language correctly and with reasonable clarity.

97x431

Italian Language and Culture

4 x 8cp

971431, 972431, 973431, 974431

The above subject numbers indicate the sequence order of language and culture subjects studied at UTS. The first language and culture subject studied, regardless of the level at which you study it, has 1 as the third digit of the subject number; the second subject studied has 2 as the third digit of the subject number; and so on.

The subject number does not indicate the level at which you study the language and culture

subject. To determine the level at which you study, contact the Institute for International Studies.

The Italian language program is for students who are either complete beginners or who first learnt Italian at school. There are two points of entry: the first for complete beginners; the second for students who have successfully completed HSC 2/3-unit Italian, or its equivalent. Students in the combined degree take four units in the program, either units 1–4 (beginners) or 3–6 (post-HSC), determined by their point of entry. Students with a language competence in Italian that is higher than the program may be able to undertake further studies in Italian at other universities in the Sydney area through arrangements made by the Institute.

The language program covers a broad range of communicative situations relevant to daily interaction in Italian. The focus is on the development of speaking, listening, reading and writing skills appropriate to the situations that students are likely to encounter. Vocabulary and grammar cover a range of themes and are presented using written and audiovisual materials.

Upon successful completion of the program, students are expected to be able to communicate about familiar things, events and opinions and to have developed skills and strategies for continuing their learning of the language in Italian-speaking environments. Those students with prior knowledge of Italian, who are entering the program at a higher level, are expected to communicate comfortably on a wide range of topics, with the ability to adjust their language according to social variables such as formality, age and status. Each unit is covered in 13 weeks in one semester. There are six hours of language classes per week.

Italian Unit 1

8cp; 1st semester, 6hpw; prerequisite: nil

Italian Unit 1 is the first in a series of four units designed to provide students who have no prior knowledge of the Italian language with basic survival skills in Italian language and culture, and the ability to undertake In-country Study in Italy.

By the end of the unit, students are expected to have achieved 'minimum creative proficiency' and be able to satisfy immediate communication needs required in basic social interaction, using expressions and phrases they have learnt. The program allows for the development of listening, speaking, reading

and writing skills, and an understanding of the sociocultural contexts in which the language is used. In particular, students gain an awareness of the background of Italian-speaking countries. Students also develop strategies for predicting the meaning of new expressions and anticipating ways of expressing new meanings.

The approach adopted is communicative and provides students with many opportunities to interact and use the language in various social and cultural contexts. Audiovisual equipment and computers are used to facilitate learning.

Italian Unit 2

8cp; 2nd semester, 6hpw; prerequisite: Italian Unit 1 or equivalent

Italian Unit 2 is the second in a series of four units designed to provide students who have no prior knowledge of the Italian language with basic survival skills in Italian language and culture, and the ability to undertake In-country Study in Italy.

By the end of the unit, students are expected to have achieved 'basic transactional proficiency' in speaking, listening, reading and writing, and be able to satisfy immediate communication needs and minimum courtesy requirements for basic social interaction. Students also develop an understanding of the sociocultural contexts in which the language is used and further communication strategies.

The approach adopted is communicative and provides many opportunities for students to interact and use the language in a meaningful way in various social and cultural contexts. Audiovisual equipment and computers are used to facilitate learning.

Italian Unit 3

8cp; 1st semester, 6hpw; prerequisite: Italian Unit 2, HSC Italian, or equivalent

Italian Unit 3 is the third in a series of four units for students with no prior knowledge of the Italian language, or the first in a series of four units for students who have successfully completed HSC 2/3-unit Italian, or its equivalent. It provides them with basic survival skills in Italian language and culture and the ability to undertake In-country Study in Italy.

By the end of the unit, students are expected to have achieved the communicative competence in speaking, listening, reading and writing skills to be able to satisfy all 'survival' needs and limited social needs. They are also expected to have developed an awareness of

the various social and cultural contexts in which the language is used. In this unit, students also develop the ability to understand the general content of magazine and newspaper articles.

The approach adopted is communicative and provides many opportunities for students to interact and use the language in various social and cultural contexts. Audiovisual equipment and computers are used to facilitate learning.

Italian Unit 4

8cp; 2nd semester, 6hpw; prerequisite: Italian Unit 3 or equivalent

Italian Unit 4 is the fourth in a series of four units for students with no prior knowledge of Italian language, or the second in a series of four units for students who have successfully completed Italian Unit 3, HSC 2/3-unit Italian, or its equivalent. It provides them with basic survival skills in Italian language and culture and the ability to undertake In-country Study in Italy.

By the end of the unit, students are expected to have begun to develop the communication skills required to satisfy limited routine social and work demands related to the situation covered. Students would also have developed an awareness of the various social and cultural contexts in which the language is used. Students learn to express opinions, discuss education, entertainment and travel, and develop the language skills and background knowledge required, e.g. to find accommodation.

The approach adopted is communicative and provides many opportunities for students to interact and use the language in various social and cultural contexts. Audiovisual equipment and computers are used to facilitate learning.

Italian Unit 5

8cp; 1st semester, 6hpw; prerequisite: Italian Unit 4 or equivalent

Italian Unit 5 is the third in a series of four units designed to provide students who have successfully completed Italian Unit 4, HSC 2/3-unit Italian, or its equivalent, with the ability to consolidate and extend their knowledge of the Italian language and culture during a period of In-country Study in Italy.

By the end of the unit, students are expected to have achieved the communicative competence required to satisfy routine social demands and limited work requirements in speaking, listening, reading and writing skills. They are also expected to have developed an awareness of the various social and cultural

contexts in which the language is used. Students learn to communicate in Italian while comparing lifestyles, university life and education and practice interview techniques in preparation for In-country Study.

The approach adopted is communicative and provides many opportunities for students to interact and use the language in a meaningful way in various social and cultural contexts. There are discussions and debates on set topics. Audiovisual equipment and computers are used to facilitate learning.

Italian Unit 6

8cp; 2nd semester, 6hpw; prerequisite: Italian Unit 5 or equivalent

Italian Unit 6 is the fourth in a series of four units designed to provide students who have successfully completed Italian Unit 5, or its equivalent, with the ability to consolidate and extend their knowledge of the Italian language and culture during a period of In-country Study in Italy.

By the end of the unit, students are expected to have achieved the communicative competence required to speak the language with sufficient accuracy for limited formal and informal conversations on practical and social topics. Students are also expected to be able to read and write with sufficient accuracy to meet a limited range of social needs and limited work needs. Language focuses on topics such as the economy, class and social stratification, gender roles, religion and beliefs, literature and the arts.

The approach adopted is communicative and provides many opportunities for students to interact and use the language in a meaningful way in various social and cultural contexts. There are discussions and debates on set topics. Audiovisual equipment and computers are used to facilitate learning.

97x211

Japanese Language and Culture

4 x 8cp

971211, 972211, 973211, 974211

The above subject numbers indicate the sequence order of language and culture subjects studied at UTS. The first language and culture subject studied, regardless of the level at which you study it, has 1 as the third digit of the subject number; the second subject studied has 2 as the third digit of the subject number; and so on.

The subject number does not indicate the level at which you study the language and culture subject. To determine the level at which you study, contact the Institute for International Studies.

The Japanese language program comprises six units offered in two main streams: beginners and post-HSC. There are two main points of entry into the Japanese Language and Culture program. Students with no prior experience of the language enter the program at Japanese Unit 1, while students with HSC-level Japanese or equivalent are required to enter the program at the post-HSC level (Japanese 3).

The program enables students to develop the skills to communicate in everyday situations in order to live, study and work in a Japanese-speaking environment; or interact with Japanese people in a social, university or work-related context. The emphasis is on the development of communication skills, particularly speaking and listening, with an increased focus on reading and writing skills at the post-HSC level. The study of sociocultural aspects of Japan is an integrated and essential part of the language program.

Japanese Unit 1

8cp; 6hpw; prerequisite: nil

This is the first subject in the Japanese Language and Culture program. It is designed as the first step in providing students who have no prior knowledge of Japanese with the basic language survival skills and socio-cultural awareness to enable them to undertake In-country Study in Japan.

While focusing primarily on the development of speaking and listening skills, this subject also provides a working knowledge of the hiragana and katakana scripts and approximately 50 kanji. Sociocultural aspects are integrated into the program as they relate to the need for students to learn to use the language appropriately in various social and cultural contexts.

Japanese Unit 2

8cp; 6hpw; prerequisite: Japanese Unit 1

This is the second in a series of four units for students with no prior knowledge of the Japanese language. By the completion of this unit, the student should be able to demonstrate the language and sociocultural skills required to establish and maintain relationships in social or work-related spheres, and fulfil basic survival needs in a Japanese-speaking environment.

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Emphasis is given to the development of speaking and listening skills, but students also further develop their reading and writing skills. Besides kana, they will know approximately 150 kanji by the end of the unit. Socio-cultural aspects are integrated into the program as they relate to the need for students to learn to use the language appropriately in various social and cultural contexts.

Japanese Unit 3

8cp; 6hpw; prerequisite: Japanese Unit 2 or HSC Japanese

Japanese 3 is the third in a series of four units for students with no prior knowledge of the Japanese language, or the first in a series of four units for students who have successfully completed HSC-level Japanese. By the end of the unit, students are expected to have achieved 'survival proficiency' in the use of the language, and be able to satisfy survival needs and limited social demands relating to topics and situations covered.

At the end of the subject, students are expected to have developed their listening, speaking, reading and writing skills to a level where they can communicate in everyday situations, and are able to demonstrate an awareness of the social implications of language and behaviour.

It is expected that students know approximately 250 kanji by the end of the unit.

Japanese Unit 4

8cp; 6hpw; prerequisite: Japanese Unit 3

Japanese 4 is the fourth in a series of four units for beginners. It is also the second in a series of four units for those who have successfully completed HSC-level Japanese, or its equivalent, and aim to further develop Japanese listening, speaking, reading and writing skills. By the end of the unit, students are expected to have achieved 'limited social proficiency', and be able to interact in limited social, study and work contexts with Japanese speakers in Japan or Australia. They will also have learnt approximately 350 kanji.

Japanese Unit 5

8cp; 6hpw; prerequisite: Japanese Unit 4

Japanese 5 is the third in a series of four units in the post-HSC series, and is for those who have successfully completed either Japanese Unit 4, or its equivalent, and aim to further develop listening, speaking, reading, writing and cultural skills. By the end of the unit, students are expected to have achieved 'limited

social proficiency', and be able to satisfy routine social and limited work demands. The emphasis is on the development of the language and of the cultural sensitivity required in both formal and informal situations. By the end of the subject, students are expected to be able to read and write approximately 470 kanji.

Japanese Unit 6

8cp; 6hpw; prerequisite: Japanese Unit 5

Japanese Unit 6 is the fourth in a series of four units in the post-HSC series and is for those who have successfully completed either Japanese Unit 5, or its equivalent. By the end of this subject, students are expected to have achieved 'minimal vocational proficiency', and be able to speak the language with sufficient structural accuracy and vocabulary to participate effectively in many formal and informal conversations on practical, social and limited vocational topics. The emphasis is on the development of the language and of the cultural sensitivity required in both formal and informal situations. By the end of the subject, students should be able to read simple prose and read and write approximately 600 kanji.

Japanese Unit 7

8cp; 4hpw; prerequisite: Japanese Unit 6

Japanese Unit 7 is designed to provide students who have successfully completed Japanese Unit 6 or its equivalent with the ability to consolidate and extend their knowledge of Japanese.

Students are expected to continue to develop communication skills required to function effectively in academic and vocational contexts in Japan. In the first half of the unit, the focus is on the development of academic reading and writing skills and the acquisition of vocabulary based on reading, understanding and discussing various topics and viewpoints on the interrelationship between Japanese language and culture. In the second half of the unit, the focus is on workplace communication and the comprehension of university lectures in Japan, with an emphasis on the development of listening and note-taking skills. In terms of literacy development, students will be expected to be able to recognise and pronounce the kanji introduced in the prescribed texts, to have increased their pace of reading as a result of regular and habitual reading and improved dictionary skills, and to be able to write an increasing number of kanji as required for specific academic tasks.

97x331**Malaysian Language and Culture**

4 x 8cp

971331, 972331, 973331, 974331

The above subject numbers indicate the sequence order of language and culture subjects studied at UTS. The first language and culture subject studied, regardless of the level at which you study it, has 1 as the third digit of the subject number; the second subject studied has 2 as the third digit of the subject number; and so on.

The subject number does not indicate the level at which you study the language and culture subject. To determine the level at which you study, contact the Institute for International Studies.

Malaysian is offered to UTS students through arrangements with other universities. Students are placed in classes appropriate to their level of competence. The aim of the Malaysian language program is to give students a good working knowledge of modern written and spoken Malaysian and to enable them to express themselves in the language correctly and with reasonable clarity.

97x734**Russian**

4 x 8cp

971734, 972734, 973734, 974734

The above subject numbers indicate the sequence order of language and culture subjects studied at UTS. The first language and culture subject studied, regardless of the level at which you study it, has 1 as the third digit of the subject number; the second subject studied has 2 as the third digit of the subject number; and so on.

The subject number does not indicate the level at which you study the language and culture subject. To determine the level at which you study, contact the Institute for International Studies.

Russian is offered to UTS students through an arrangement with other universities. Students are placed in classes appropriate to their level of competence. The aim of the Russian language program is to give students a good working knowledge of modern written and spoken Russian and to enable them to express themselves in the language correctly and with reasonable clarity.

97x501**Spanish Language and Culture**

4 x 8cp

971501, 972501, 973501, 974501

The above subject numbers indicate the sequence order of language and culture subjects studied at UTS. The first language and culture subject studied, regardless of the level at which you study it, has 1 as the third digit of the subject number; the second subject studied has 2 as the third digit of the subject number; and so on.

The subject number does not indicate the level at which you study the language and culture subject. To determine the level at which you study, contact the Institute for International Studies.

The Spanish language program is designed for students who are either complete beginners or who first learnt Spanish at school in Australia. There are two points of entry: the first for complete beginners and the second for students who have successfully completed HSC-level Spanish or its equivalent. Students in the combined degree take four units in the program, either units 1–4 (beginners) or 3–6 (post-HSC), determined by their point of entry.

The language program covers a broad range of communicative situations relevant to daily interaction in Spanish. The focus is on the development of speaking, listening, reading and writing skills appropriate to the situations that students are likely to encounter. Vocabulary and grammar are taught using written and audiovisual materials that cover a range of themes and situations.

Upon successful completion of the program, students are expected to be able to communicate about familiar things, events and opinions, and to have developed skills and strategies for continuing their learning of the language in Spanish-speaking countries. Those students with prior knowledge of Spanish, who enter the program at a higher level, are expected to be able to communicate comfortably on a wide range of themes, with the ability to adjust their language according to social variables such as formality, age and status. Each subject is covered in 13 weeks in one semester. There are six hours of language classes per week.

Spanish Unit 1

8cp; 1st semester, 6hpw; prerequisite: nil

Spanish Unit 1 is the first in a series of four units designed to provide students who have no prior knowledge of the Spanish language with basic survival skills in the language and culture, and the ability to undertake In-country Study in Latin America or Spain.

By the end of the subject, students are expected to have achieved 'elementary proficiency' and be able to satisfy immediate communication needs required in basic social interaction, using expressions and phrases they have learnt. The program allows for the development of listening, speaking, reading and writing skills, and an understanding of the sociocultural contexts in which the language is used. Students gain, in particular, an awareness of the background of Hispanic countries. Students also develop strategies for predicting the meaning of new expressions and anticipating ways they might express new meanings.

Spanish Unit 1 consists of 78 hours of classroom instruction. The approach adopted is communicative and provides students with many opportunities to interact and use the language in various social and cultural contexts. Audiovisual equipment and computers are used to facilitate learning.

Spanish Unit 2

8cp; 2nd semester, 6hpw; prerequisite: Spanish Unit 1

Spanish 2 is the second in a series of four units designed to provide students who have no prior knowledge of the Spanish language with basic survival skills in the language and culture, and the ability to undertake In-country Study in Latin America or Spain.

By the end of the subject, students are expected to have achieved 'minimum survival proficiency' in speaking, listening, reading and writing, and be able to satisfy immediate communication needs and minimum courtesy requirements in basic social interactions. Students also develop an understanding of the sociocultural contexts in which the language is used and further communication strategies.

Spanish Unit 2 consists of 78 hours of classroom instruction. The approach adopted is communicative and provides many opportunities for students to interact and use the language in various social and cultural contexts. Audiovisual equipment and computers are used to facilitate learning.

Spanish Unit 3

8cp; 1st semester, 6hpw; prerequisite: Spanish Unit 2 or HSC Spanish

Spanish Unit 3 is the third in a series of four units for students with no prior knowledge of the Spanish language, or the first in a series of four units for students who have successfully completed HSC-level Spanish, or its equivalent. It provides students with basic survival skills in the language and culture, and the ability to undertake In-country Study in Latin America or Spain.

By the end of the unit, students are expected to have achieved a communicative competence in speaking, listening, reading and writing skills in order to be able to satisfy all 'survival' needs and limited social needs. They are also expected to have developed an awareness of the various social and cultural contexts in which the language is used. In this unit, students also develop the ability to understand the general content of magazine and newspaper articles.

Spanish Unit 3 consists of 78 hours of classroom instruction. The approach adopted is communicative and provides many opportunities for students to interact and use the language in various social and cultural contexts. Audiovisual equipment and computers are used to facilitate learning.

Spanish Unit 4

8cp; 2nd semester, 6hpw; prerequisite: Spanish Unit 3

Spanish Unit 4 is the fourth in a series of four units for students with no prior knowledge of the Spanish language, or the second in a series of four units for students who have successfully completed Spanish Unit 3 and HSC-level Spanish, or its equivalent. It provides students with basic survival skills in the language and culture, and the ability to undertake In-country Study in Latin America or Spain.

By the end of the unit, students are expected to have begun to develop the communication skills required to satisfy limited routine social and work demands. They are also expected to have developed an awareness of the various social and cultural contexts in which the language is used. In this subject, students learn to express opinions, discuss education, entertainment and travel, and develop the language skills and background knowledge required, e.g. to find accommodation.

Spanish Unit 4 consist of 78 hours of classroom instruction. The approach adopted is

communicative and provides many opportunities for students to interact and use the language in various social and cultural contexts. Audiovisual equipment and computers are used to facilitate learning.

Spanish Unit 5

8cp; 1st semester, 6hpw; prerequisite: Spanish Unit 4

Spanish Unit 5 is the third in a series of four units designed to provide students who have successfully completed Spanish Unit 4 and HSC-level Spanish, or its equivalent, with the ability to consolidate and extend their knowledge during a period of In-country Study in Latin America or Spain.

By the end of the unit, students are expected to have achieved communicative competence in speaking, listening, reading and writing, and to be able to satisfy routine social demands and limited work requirements. They would have developed an awareness of the various social and cultural contexts in which the language is used. Students learn to communicate in Spanish to compare lifestyles, university life and education, and practise interview techniques in preparation for In-country Study.

Spanish Unit 5 consists of 78 hours of classroom instruction. The approach adopted is communicative and provides many opportunities for students to interact and use the language in various social and cultural contexts. There are discussions and debates on set topics. Audiovisual equipment and computers are used to facilitate learning.

Spanish Unit 6

8cp; 2nd semester, 6hpw; prerequisite: Spanish Unit 5

Spanish Unit 6 is the fourth in a series of four units designed to provide students who have successfully completed Spanish Unit 5 and HSC-level Spanish, or its equivalent, with the ability to consolidate and extend their knowledge during a period of In-country Study in Latin America or Spain.

By the end of the unit, students are expected to be able to speak the language with sufficient accuracy, and to participate in limited formal and informal conversations on practical and social topics. Students are also expected to be able to read and write with sufficient accuracy to meet a limited range of social and work needs. Language focuses on topics such as the economy, class and social stratification,

gender roles, religion and beliefs, literature and the arts.

Spanish Unit 6 consists of 78 hours of classroom instruction. The approach adopted is communicative and provides many opportunities for students to interact and use the language in various social and cultural contexts. There are discussions and debates on set topics. Audiovisual equipment and computers are used to facilitate learning.

Spanish Unit 7

8cp; 1st semester, 6hpw; prerequisite: Spanish Unit 6

Spanish Unit 7 is designed to provide students who have successfully completed Spanish Unit 6, or its equivalent, with the ability to consolidate and extend their knowledge during a period of In-country Study in Latin America or Spain.

By the end of the unit students are expected to be able to communicate confidently in Spanish within a wide range of everyday situations, and to have further improved their comprehension skills by reading a wide variety of authentic materials in Spanish. Students are also expected to have extended their knowledge of today's world-wide Hispanic society and culture and to have acquired the vocabulary and structures necessary to be able to discuss and write about the cultural context of texts with considerable accuracy.

The approach provides students with opportunities to further develop their vocabulary, fluency and accuracy as they use the language to respond to authentic texts and to discuss set topics. Students are required to read extensively during self-study periods in preparation for classroom presentation and discussion.

Spanish Unit 8

8cp; 2nd semester, 6hpw; prerequisite: Spanish Unit 7

Spanish Unit 8 is designed to provide students who have successfully completed Spanish Unit 7, or its equivalent, with a higher level of communicative and cultural competence, and the ability to consolidate and extend their knowledge during a period of In-country Study in Latin America or Spain.

By the end of the unit, students are expected to have further developed the linguistic and cultural awareness skills required to engage appropriately in a range of formal and informal discussions at a social and professional

level on topics such as employment, job applications, academic presentations and university life, social welfare, human rights, leisure and sport, the media, family roles and relationships, etiquette, and immediate concerns such as arranging accommodation and banking.

The approach provides students with opportunities to further develop their vocabulary, fluency and accuracy in speaking and writing as they use the language in response to authentic texts such as newspaper, and magazine articles and television programs in Spanish. Students are required to read extensively during self-study periods in preparation for classroom presentations, debates and discussions.

97x320

Thai

4 x 8cp

971320, 972320, 973320, 974320

The above subject numbers indicate the sequence order of language and culture subjects studied at UTS. The first language and culture subject studied, regardless of the level at which you study it, has 1 as the third digit of the subject number; the second subject studied has 2 as the third digit of the subject number; and so on.

The subject number does not indicate the level at which you study the language and culture subject. To determine the level at which you study, contact the Institute for International Studies.

Thai is offered to UTS students through the language program offered by the University of Sydney. The aim of the Thai language program is to give students a good working knowledge of modern written and spoken Thai and to enable them to express themselves in the language correctly and with reasonable clarity.

Contemporary Society subjects

976111

Contemporary China

8cp; 4hpw

Semester offered: 2nd semester

This subject deals with the politics of 'reading and writing' the People's Republic of China (PRC). The first half of the subject examines the history of the PRC, from the Chinese Communist Party's (CCP) rise to power in 1949 to the death of Chairman Mao Zedong in 1976. A key focus is how the early CCP leadership attempted to resolve an issue that stalks the Chinese government even today, namely, the question of how to modernise China and still keep faith with the ethical imperatives of socialist transition. The course examines how Western commentators and mainland Chinese scholars have chosen to evaluate the Chinese revolution in different historical periods. The second half of the course outlines some of the enormous changes that have taken place in the PRC since the introduction of market-based reforms in 1979. With the implementation of Deng Xiaoping's economic reforms and Open Door policy, China entered the postmodern, global community and now faces similar social concerns to those that inform Western societies – inflation, unemployment, growing crime rates, HIV/AIDS, prostitution and drugs, etc. However, following the Chinese government's brutal suppression of the student protest movement in 1989, the PRC's response to many of these issues has been accompanied by Western accusations of human rights abuses and claims that the CCP has failed to abandon the 'totalitarian' politics of the now denigrated Maoist era. The subject concludes by asking students to determine whether such claims are justifiable or whether it might be more analytically productive to read and write present-day China differently.

976211

Contemporary Japan

8cp; 4hpw

Semester offered: 2nd semester

This subject provides an introduction to the dynamics of political, social and economic systems in modern Japan. Central themes are the causes and consequences of social change and continuity in the context of Japan's

emergence as an economic superpower. In the process, it offers a general introduction to Japan's culture. This subject requires no prior knowledge of Japan or of Japanese.

976301

Contemporary South-East Asia

8cp; 4hpw

Semester offered: 2nd semester

This subject provides an introduction to the countries of Indonesia, Malaysia, Thailand and Vietnam. The themes of modernity and identity are examined at a political-economic level and also at an individual level. Issues which are explored include: migration patterns in the context of regional interrelationships; increasing urbanisation; legacies of colonialism; the commodification of culture and the growing impact of tourism; new creative forms in the visual, literary and performing arts; the beliefs about and behaviour of women in the region; and ways in which religion and social practice intersect.

976401

Contemporary Europe

8cp; 4hpw

Semester offered: 2nd semester

This subject is an introduction and an overview laying the groundwork for the study of contemporary Europe and individual countries within Europe. It aims to provide students with a basic understanding of contemporary European history, politics, society and culture, as well as national convergences and divergences in these areas. In particular, it aims to provide students with the critical skills that allow them to identify major contemporary issues in the European region of the world, and beyond it. Insights are gained into Europe's national and regional diversity and heterogeneity in national, continental and international contexts. This gives students the opportunity to develop a critical appreciation for societies outside Australia. Students are exposed to ideas that challenge Eurocentric modes of thinking, and that also draw attention to the legacies of imperialism, colonisation, and transnational capitalism and their impact on contemporary European peoples, wherever they may reside. Students develop critical thinking skills relevant to the multidisciplinary nature of the subject.

976501

Contemporary Latin America

8cp; 4hpw

Semester offered: 2nd semester

Latin America has been a crucible for social, political and economic change in the 19th and 20th centuries. Intense struggles for nationhood, democracy, economic modernisation and secularisation have all resonated in the countries of Latin America. During the middle of the 20th century, Latin America's primary concerns were focused on national self-determination, inward industrialisation and populist authoritarian efforts to legitimise elite rule. In the late 20th century, the emphasis shifted towards economic growth, internationalisation, and pressures to improve the capacity and accountability of governments. The unit aims to provide students with the historical background, cultural awareness and analytic skills to interpret everyday social, political and economic reality during their period of In-country Study. The subject requires no prior knowledge of Latin America or of Spanish.

In-country Study subjects

977xxx

In-country Study 1

24cp; prerequisite(s): completion of relevant subjects appropriate to the student's International Studies major

In-country Study subjects are only available to students doing the Bachelor of Arts in International Studies.

As part of the International Studies combined degrees, students spend two semesters of In-country Study at a university or institution of higher education overseas. The location is determined by the student's International Studies major.

In the International Studies program, students focus on one of the following countries or majors: Canada (Quebec), Chile, China, France, Germany, Indonesia, Italy, Japan, Latino Studies (USA), Malaysia, Mexico, Spain, Switzerland and Thailand. There is also a Heritage major that permits students with previous exposure to a language and culture to continue their study in countries such as Croatia, Greece, Hong Kong, Korea, Poland, Russia, Taiwan, the Philippines, Vietnam and others. Australia and the Asia-Pacific is only available as a major to international students. International students may access one of the other majors offered provided that the country they choose as their major is able to grant them a visa to study there. This needs to be determined prior to commencing subjects within the International Studies major. If a visa cannot be granted, then it will not be possible to undertake the chosen major.

978xxx

In-country Study 2

24cp; prerequisite(s): 977xxx In-country Study 1

For subject description, see 977xxx In-country Study 1.

ALPHABETICAL LISTS OF SUBJECTS

SUBJECTS OFFERED BY DESIGN, ARCHITECTURE AND BUILDING

3D Computer Animation 1	81925	Computer Graphics 2	81924
3D Computer Animation 2	81030	Conservation/Intervention Design and Technology	86170
Advanced Construction Technologies	16xxx	Construction 1	16109
Advanced Cost Engineering A	16194	Construction 2	16204
Advanced Cost Engineering S	16294	Construction 2A	16143
Advanced Planning Theory and Practice	15301	Construction 2A	16181
Advanced Procurement Methods	16xxx	Construction 2S	16243
Advanced Project Analysis	16xxx	Construction 3	16314
Advanced Property Development	17518	Construction 3A	16171
Advanced Valuation	16335	Construction 3A	16187
Aesthetics in Industrial Design	84110	Construction 3S	16271
Appraisal and Statistics	16126	Construction 3S	16287
Architectural Design 1	11911	Construction 4A	16176
Architectural Design 2	11921	Construction 4A	16193
Architectural Design 3	11931	Construction 4S	16276
Architectural Design 4	11941	Construction 4S	16293
Architectural Design and Technology 1	11951	Construction Law A	16175
Architectural Design and Technology 2A	11965	Construction Law and Practice	16421
Architectural Design and Technology 2S	11975	Construction Law S	16275
Behaviour and Space	86250	Construction MIS	16424
Body and Space	86360	Construction Project 2A	16146
Building Assessment	16xxx	Construction Project 2S	16246
Building Assessment Techniques	16050	Construction Project 3A	16172
Building Company Performance	16316	Construction Project 3S	16272
Building Company Performance A	16179	Construction Project 4A	16133
Building Company Performance S	16279	Construction Project 4S	16254
Building Control and Regulations	16056	Construction S	16281
Building Control and Regulations	16xxx	Contemporary Issues in Property	17705
Building Economics 1	16207	Contract Administration	16423
Building Economics 2	16313	Contract Administration A	16192
Building Measurement	16105	Contract Administration S	16292
Building Research 1	16904	Corporate Identity/Retailing Design and Technology	86150
Building Research 2	16905	Cost Planning and Modelling A	16190
Building Science/Materials 1	16103	Cost Planning and Modelling S	16290
Building Science/Materials 2	16209	Criticism and Argument	85508
Building Technology	16127	Design and Asia	85506
Building Technology and Regulation	12511	Design and Industry	83662
Built Environmental Design	16120	Design and Sustainable Human Futures 1	88310
Cinema and Design from 1960	88430	Design and Sustainable Human Futures 2	88410
Cinema and Design to 1960	88330	Design and Sustainable Human Futures 3	88510
Classical Space	86231	Design and Sustainable Human Futures 4	88610
Commercial Property Management	16231	Design and Technique	83250
Common Design Project	85100	Design Case Studies 1	89912
Computer Graphics 1	81024	Design Case Studies 2	89013
		Design Culture and Contemporary Thought	85505
		Design Ecology	85504
		Design Ethics	82918

218 Alphabetical lists of subjects

Design for Theatre 1	88312	F&T Communications 2	83333
Design for Theatre 2	88412	Facility Evaluation	16993
Design for Theatre 3	88512	Facility Management	16011
Design for Theatre 4	88612	Facility Obsolescence	15324
Design History	81025	Facility Performance	15344
Design History	85502	Fashion Communication: An Introduction	83121
Design Honours	11946	Fashion Communication: Fashion Drawing and Digital Media	83xxx
Design Practice 1	89914	Fashion Design 1	83331
Design Practice 2	89012	Fashion Design 2	83441
Design Project (FT)	89918	Fashion Design 3	83551
Design Project (PT)	89917	Fashion Design Elective	83661
Design Projects VC 3	87335	Fashion Design Methods	83xxx
Design Projects VC 4	87445	Fashion Technology: Flat Pattern and Construction	83120
Design Projects VC 5	87555	Fashion Technology: Pattern Making and Construction	83xxx
Design Projects VC 6	87665	Film and Video Design 1	88308
Design Studies VC 3	87331	Film and Video Design 2	88408
Design Studies VC 4	87441	Film and Video Design 3	88503
Design Studies VC 5	87551	Film and Video Design 4	88603
Design Studies VC 6	87661	Financing Construction Projects	16xxx
Design Theory (Special)	85490	Fire Dynamics	16xxx
Desktop Publishing	81022	Fire Safety Systems	16xxx
Development Appraisal A	16132	Free Space	86233
Development Appraisal S	16253	Furniture Design 1	88311
Development Management	15323	Furniture Design 2	88411
Development Management	16334	Furniture Design 3	88511
Digital Fashion and Textiles Elective	83552	Furniture Design 4	88611
Digital Print Media 1	81035	Graduate Project	15451
Digital Print Media 2	81036	Graphic Visualisation	82016
Drawing and Surveying	16106	Heritage and Development (Extended)	171200
Drawing and Surveying 2A	16170	Historical Models of Space	86230
Drawing and Surveying 2S	16270	History of Building Construction Methods	16051
Eastern Space	86232	Honours Elective Thesis	11945
Economic Analysis A	16195	Honours Elective: Thesis	16906
Economic Analysis S	16295	Honours Qualifying	11936
Economic Development A	16191	Honours Research Proposal (Hons)	16660
Economic Development S	16291	Honours Thesis A	16662
Elective Studies 1	11915	Honours Thesis B	16663
Elective Studies 2	11925	Human Behaviour in Fire	16xxx
Elective Studies 3	11935	Human Factors and Design	82009
Engineering Services A	16185	Illustration 1	88304
Engineering Services and Systems	15322	Illustration 2	88404
Engineering Services S	16285	Illustration 3	88504
Environment and Control	17701	Illustration 4	88604
Environment and Interior Space	86331	Independent Study, F&T	83711
Environmental Design	15342	Industrial Design	84100
Environmentally Sustainable Development	17122	Industrial Design Communications	84112
Estimating	16203	Industrial Design Major Project	84880
Estimating 1A	16147	Industrial Design Project 200A	84221
Estimating 1S	16247	Industrial Design Project 200B	84222
Estimating 2A	16177	Industrial Design Project 300A	84331
Estimating 2S	16277	Industrial Design Project 300B	84332
Estimating A	16184	Industrial Design Project 400A	84441
Estimating S	16284	Industrial Design Project 400B	84442
Evolution of Technology	16xxx	Industrial Design Project 500A	84551
Expert Witness	16013		
Expert Witness	16xxx		
F&T Communications 1	83230		

Industrial Design Project 500B	84552	Multimedia 2	81034
Industrial Design Project 600A	84661	Native Title	17121
Industrial Design Project 600B	84662	Natural Disasters and Risk Assessment	16054
Industrial Design Project 700A	84771	New Materials, Systems and Space	86370
Industrial Design Workshop 200C	84223	New Technology and Space	86240
Industrial Design Workshop 300C	84333	Performance-based Certification	16xxx
Industrial Design Workshop 400C	84443	PFM Thesis	15453
Industrial Design Workshop 500C	84553	Photography 1: Documentation, Introduction to Black and White Photography	88305
Industrial Design Workshop 600C	84663	Photography 2: Communication, Intermediate Black and White Photography	88405
Industry Economics	16xxx	Photography 3: Fabrication, Introduction to Colour Photography	88505
Industry Studies	16300	Photography 4: Construction, Introduction to Studio Photography	88605
Information Retrieval	82917	Photography for Designers	82915
Integrated Case Study 1	16208	Planning and Design Process	16107
Integrated Case Study 2	16307	Planning and Political Economy	16992
Interdisciplinary Project	85700	Planning Problem-solving Analysis	15303
Interior Communications	86420	Planning Problem-solving Methods	15302
Interior Computing	86110	Planning Problem-solving Outcomes	15304
Interior Design – Major Project	86880	Planning Project Analysis	15121
Interior Design Research Dissertation	86780	Planning Project and Risk S	16286
Interior Identity and Space	86120	Planning Project Development Assessment	15211
Interior Methodology and Space	86000	Planning Project Implementation	15231
Interior Technology	86111	Planning Project Visioning	15141
Interior Technology – Hospitality Design/ Accommodation	86132	PM Competencies (Operational)	15314
Interior Technology – Hospitality Design/ Food Services	86131	PM Competencies (Strategic)	15312
Interior Theory and Space	86280	PM Competencies (Tactical)	15313
International Construction	16059	Preparatory Studies	16104
International Construction	16xxx	Print Technology	83332
International Design	83771	Professional Practice	16xxx
International Property Investment	16338	Professional Practice 1	11914
Internet Design	81032	Professional Practice 2	11924
Introduction to Law	16108	Professional Practice 3	11934
Introduction to Law A	16148	Professional Practice 4	11944
Introduction to Law S	16248	Professional Practice 5	11954
Introduction to Property	16123	Professional Practice 6A	11967
Introduction to Property Development	125240	Professional Practice 6S	11977
Investment and Portfolio	16332	Professional Practice A	16134
Kyushu 1	89953	Professional Practice and Industry Project	86777
Kyushu 2	89954	Professional Practice F&T	83663
Legal Studies 1A	16183	Professional Practice S	16255
Legal Studies 1S	16283	Professional Property Practice	16337
Legal Studies 2A	16189	Project A	16135
Legal Studies 2S	16289	Project Management	16012
Light and Space	86340	Project Management 1	16910
Major Project F&T	83880	Project Management 2	16912
Management Techniques and Design	81020	Project Management 3	16913
Managing Organisations by Project	15333	Project Management 4	16914
Manchester Metro	89960	Project Management Context and Processes	15311
Marketing and Design	81920	Project Performance Assessment	15334
Marketing and Management	83443	Project Planning and Risk A	16186
Master's Research Elective	11956	Project Portfolio and Program Management	15331
Material Science 2A	16174	Project S	16256
Material Science 2S	16274	Property Accounting and Management	16124
Material Science and Space	86320	Property Analysis 1	12525
Mentoring and Professional Development	16053		
Multimedia 1	81033		

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Property Analysis 2	12535	Structural Behaviour	16315
Property Analysis (Hons)	16661	Structures 2A	16149
Property and Political Economy	16232	Structures 2S	16249
Property Cash Flow Analysis	16236	Structures 3A	16178
Property Development Finance	17704	Structures 3S	16278
Property Economic Issues	16991	Sustainable Building Technologies	16055
Property Economics	16125	Sustainable Building Technology	16xxx
Property Life Cycle	12515	Sustainable Design	82919
Property Research Methods	17519	Sustainable Development	15131
Property Taxation	16237	Sustainable Practice	15341
Property Taxation	17703	Sustainable Practice	83442
Property Title and Tenure	16336	Technical University Berlin	89958
Property Transactions	12518	Technological Change	82903
Property Transactions	16128	Technology 1	11912
Psychology of Design	82901	Technology 2	11922
QS Project	16224	Technology 3	11932
QS Project S	16200	Technology 4	11942
QS Project (Summer)	16225	Textile Design 1	88306
Quantity Surveying 2A	16182	Textile Design 2	88406
Quantity Surveying 2S	16282	Textile Design 3	88506
Quantity Surveying 3A	16188	Textile Design 4	88606
Quantity Surveying 3S	16288	Textile Systems	83240
Quantity Surveying Practice A	16196	The Evolution of Technology 1	16057
Quantity Surveying Practice S	16296	The Evolution of Technology 2	16058
Research Dissertation F&T	83780	Theories of Change	85507
Research Dissertation ID	84780	Theory Studies 1	11913
Research Methodology	15452	Theory Studies 2	11923
Research Methodology	17517	Theory Studies 3	11933
Research Methods	16238	Theory Studies 4	11943
Research Methods	82905	Theory Studies 5	11953
Research Methods	16238	Theory Studies 6A	11966
Research Project F&T	83553	Theory Studies 6S	11976
Research Project - Master of Property Development	17706	Thinking Design	85503
Residential Design and Technology	86140	Thinking Fashion	83000
Ryerson	89956	Transportation Design 1	88309
Ryerson 2	89961	Transportation Design 2	88409
Services 1	16205	Transportation Design 3	88509
Services 1A	16144	Transportation Design 4	88609
Services 1S	16244	Trust Accounting and Management	16129
Services 2	16308	TU Delft	89962
Services 2A	16173	Typography 2	87443
Services 2S	16273	UEM Project	12550
Site Management	16422	Understanding Three-dimensional Form	84111
Sociology of Design	82902	University of Brighton	89951
Sound and Space	86351	Urban Analysis	15111
Special Elements Project	86290	Urban Design and Management	15221
Special Industry Project	86190	Urban Economics	16235
Special Interior Science Project	86390	Urban Economics and Infrastructure	15241
Specialised Valuation	16331	Urban Planning Process	16233
St Martin's College of Design	89952	Valuation Methods	16234
Statistics A	16180	VC: Major Project	87880
Statistics S	16280	VC Project: Reflective Practice	87100
Statutory Valuation and Litigation	16333	VC Project: Self-direction	87772
Strategic Facility Planning	15343	VC Project: Symbols and Systems	87222
Strategic Project Management	15332	VC Studies: Histories of Visual Communication	87221
Structural Appreciation	16206	VC Studies: Image Experimentation	87118

VC Studies: Research Dissertation	87780	Postgraduate Study in Australia	59310
VC Technology: Introduction to Typography	87333	Reconciliation Studies	85208
VC Technology: Visible Language	87117	Reconciliation Studies	85209
Visual Culture	85480	Reconciliation Studies	85210
Visual Technologies 1	87553	Reconciliation Studies	85211
Visual Technologies 2	87663	Researching Australia 1 – Ethnography	59306
Voralberg	89957	Researching Australia 2 – Researching for Study	59307
Water Around Buildings	16052	Russian	97x734
Web Design	81031	Seminar Presentation	59318
Weisbaden	89950	Spanish Language and Culture	97x501
Word and Image	87223	Strategic Management	21715
Workplace Design and Technology	86160	Thai	97x320
Workplace Ecology	15321		
Yonsei	89955		

SUBJECTS OFFERED BY OTHERS

Academic English for Postgraduate Study	59311
Accounting for Managerial Decisions	22747
Australian English Language and Culture 1	59314
Australian English Language and Culture 2	59315
Australian Society and Culture 1	59308
Australian Society and Culture 2	59309
Chinese Language and Culture	97x111
Communication for Employment	59319
Community Research Elective (PG)	50295
Community Research Elective (PG)	50296
Community Research Elective (UG)	50293
Community Research Elective (UG)	50294
Comparative Social Change	50140
Contemporary China	976111
Contemporary Europe	976401
Contemporary Japan	976211
Contemporary Latin America	976501
Contemporary South-East Asia	976301
Economics for Management	25706
Employment Relations	21720
English for Academic Purposes 1	59304
English for Academic Purposes 2	59305
English for Business	59320
Financial Management	25742
French Language and Culture	97x411
German Language and Culture	97x421
Greek	97x710
In-country Study 1	977xxx
In-country Study 2	978xxx
Indonesian Language and Culture	97x311
Italian Language and Culture	97x431
Japanese Language and Culture	97x211
Malaysian Language and Culture	97x331
Managing People	21813
Marketing Management	24734
Organisation Analysis and Design	21718
Postgraduate Academic Writing in Context	59312

SUBJECT CODE CHANGES

In December 2002, a number of subject codes were merged across UTS. This was undertaken to consolidate the university's records. These subjects are listed in the table below (in numeric order), with the corresponding new code and name (where applicable). The new details will now appear on results notification and transcripts.

Old	New	Subject name
77833	77737	Carriage of Goods By Sea
77834	77706	Advanced Administrative Law (PG)
77835	77709	Planning and Development Law 1
77836	77934	Pollution Law
77838	77719	Capital Gains Tax: Fundamentals
77839	77924	Superannuation Law
77841	77707	Advanced Constitutional Law (PG)
77851	77734	Law and Medicine
77855	77785	Law of Futures and Derivatives
77858	77789	Law of Prescribed Interests
77859	77793	Information Technology Law
77860	77794	International Environmental Law
77866	77796	Taxation of Partnerships and Trusts
77870	70113	Legal Process and History
77871	70105	Legal Research
77872	70211	Law of Contract
77873	70217	Criminal Law
77874	70311	Law of Tort
77875	70317	Real Property
77876	70318	Personal Property
77877	70417	Corporate Law
77878	70516	Equity and Trusts
77879	70616	Federal Constitutional Law
77880	70617	Administrative Law
77881	71005	Practice and Procedure
77882	71116	Remedies
77883	71216	Law of Evidence
77905	77886	Telecommunications and Media Law
77907	77903	Copyright Law 1
77908	77904	Copyright Law 2
77909	77820	Corporations, Finance and Securities (LS)
77949	77935	International Business Law
77958	77896	Legal Process and Intellectual Property
77960	77889	Trade Marks Law
77961	77890	Trade Marks Practice
77962	77898	Patent Law (LP)
77963	77891	Patent Systems
77964	77893	Designs Law And Practice
77965	77894	Drafting Of Patent Specifications
77966	77895	Interpretation and Validity of Patent Specifications
77987	77989	PhD (Law) (PT)
83320	83332	Print Technology
83520	83552	Digital Fashion and Textiles Elective
83530	83553	Research Project F&T
83620	83662	Design and Industry
83630	83663	Professional Practice F&T
92865	92813	Dissertation
779871	77989	PhD (Law) (PT)
K80206	16351	Introduction to Valuation
K80207	16854	Real Estate Law
K80227	24730	Advanced Marketing Management
K80504	21720	Employment Relations
34987	34988	PhD Thesis [Mathematics] (FT)
48111	48271	Aerospace Operations 1
48401	48271	Aerospace Operations 1
48402	48272	Aerospace Operations 2
48403	48273	Aerospace Operations 3
48404	48274	Aerospace Maintenance Management
52203	50129	News and Current Affairs
54351	50359	Screenwriting
54364	50178	Soundtrack
73401	75401	Litigation
73402	75402	Property Transactions (Law)
73403	75403	Commercial and Estate Practice
73411	75411	Practical Experience
73412	75412	Legal Skills and Professional Awareness
73415	75415	Professional Conduct
73416	75416	Professional Conduct 2
76080	76065	Finance Law
77780	77740	Research Paper
77781	77725	Research Project
77787	77788	Doctoral Dissertation [SJD] (FT)
77791	77790	Thesis (Law) (FT)
77800	77725	Research Project
77801	77716	International Trade Law (PG)
77802	77701	International Economic Law (PG)
77804	77703	International Business Transactions
77805	77729	Chinese Trade and Investment Law
77806	77733	Chinese Law and Legal Systems
77809	77927	International Monetary Law
77811	77712	Deceptive Trade Practices
77812	77721	Restrictive Trade Practices (PG)
77813	77730	Corporate Insolvency and Restructuring
77814	77751	International Commercial Arbitration
77818	77744	Franchising Law
77821	77715	Banking Law (PG)
77822	77724	International Banking and Finance Law
77823	77754	Advanced Corporate Insolvency and Restructuring
77824	77704	European Union Law
77828	77926	Private International Law
77829	77931	Advanced European Union Law

FACULTY BOARD

FACULTY BOARD IN DESIGN, ARCHITECTURE AND BUILDING

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Associate Professor S Harfield

Associate Dean, Teaching and Learning

Mr T Laurence

Acting Faculty Manager

Ms S Looi

Nominated members

University Librarian's representative

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Mr G de Valence

Ms G Ding

Dr M Gillen

Ms J Gothe

Mr P Healy

Mr K Heathcote

Ms S Hewson

Mr M Hill

Ms V Horridge

Ms A Joffe

Associate Professor A Karantonis

Mr J Kesteven

Ms J Kirkaldy

Mr V Kokotovich

Professor D Lenard

Ms C Lockhart

Mr T Loveday

Ms A Mason

Ms M Miller

Ms M Nayve

Dr J Oluwoye

Ms K Orr

Dr J Phillips

Ms K Remington

Mr M Roxburgh

Associate Professor X Ruan

Dr G Searle

Mr N Shooter

Mr P Smith

Mr D Springett

Ms N Stead

Ms S Stewart

Ms K Sweetapple

Ms C Teo

Ms L Thomas

Mr D Thomson

Associate Professor D Tomkin

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Mr G Verghese

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Mr S West

Mr N Williams

Associate Professor J Wilson

Ms R Wilson

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Ms M Ablen

Mr J Allen

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 ARAIA

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 FDIA

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 D Yelavic

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 F Garniss

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 S Looi, MNIA

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 L Fuller, JP

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 A Darcy, JP, DipHRM (SIT), DipBus (OM)
 (SWIT)

Purchasing and Accounts Assistant
 C K H Teo

Services Clerk
 P T Lim

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 S A Hewson

Assessment and Progression Officer
 N Singh

Student Advisers
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 R Wilson, JP

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Manager, Short Courses
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 Poly), GradDipDesign (UTS)

Technical Officer, Fashion
 M V Spear

Industrial Design Workshop Managers
 J Dennison, BDesign (Industrial Design)
 (UTS)
 S Lie, BDesign (Industrial Design) (UTS)

Research Librarians, Interior Design
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 J Slater, BA (Monash), GradDipLib (UNSW)

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 D Schama

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 S Beech, BA (Visual) (ANU), GradDipArt
 (Newcastle)

UTS Gallery

University Curator
 F Sheehan, BA (Syd),
 GradDipGalleryManagement (UNSW)

*University Gallery Administrator, Assistant
 Curator*
 T Creighton, BA (N'cle),
 GradDipGalleryManagement (UNSW),
 Certificate in Production Design (AFTRS)

Program assistants*Architecture*

K Stanton

Construction Management

M Arigho

Fashion and Textile Design / Industrial Design

E Murphy

Interior Design

J Abayasekera

Interdisciplinary Studies Unit

S Colman

Project Management and Economics

M Nayve, BSIE (DLSU)

B Brook

Property Studies

A Woodland

Visual Communication

A Shooter

Directors of programs*Architecture*

Associate Professor X Ruan, BArch, MArch (SEU, Nanjing), PhD (VUW, NZ), RAIA, SAH, SAHANZ

Construction Management

P L Healy, BE (NUI), DIC, MSc (Lond), MBA (UNSW), MIEAust, MAIPM

Fashion and Textile Design

A Mason, BA(Hons) Fashion (Central St Martins)

Industrial Design

C Lockhart, BA (Industrial Design) (SCA), Graduate Certificate in Higher Education (UTS), MDIA

Interdisciplinary Studies Unit

M J Hill, CertGroupwork (SAIT), GradDipMedia (AFTRS), MA (Research) (UTS), ASIFA, IASPM, AAANZ

Interior Design

G Verghese, BTech (Ryerson), MA (Man Poly), ARIDO, IDC, IIDA

Project Management and Economics

J Twyford, DipLaw, AIArb(Aust), SJD (UTS)

Property Studies

Associate Professor A Karantonis, BEc (UNE), MCom (UNSW), FAPI

Visual Communication

M Roxburgh, BA Vis Arts (UNSW), MA (UWS)

Course Coordinators*Design Postgraduate*

M J Hill, CertGroupwork (SAIT), GradDipMedia (AFTRS), MA (Research) (UTS), ASIFA, IASPM, AAANZ

Construction Economics

R Best, BSc (Arch) (Syd), BAppSc(Hons), MAppSc (Thesis) (UTS), AAQIS, MRICS

Property Economics

P Waxman, BA(Hons), DipEd (SUNY), DipEc (Stock), MBA (Wash), PhD (UTS), ASA

Planning

M Gillen, BA(Hons) (Sheff), DipSurv (CEM), PhD (Trent), PGCUTL (Northumbria), MPIA

Project Management

D Bajaj, BE (MIT), MConstMgt (UNSW), PhD (UTS), MIEAust PEng, MAACE, MAIB

Urban Estate Management and Property Development

H Antoniadis, MRE (UNSW), Diploma in Accountancy (MCES)

Professors*Professor of Architecture*

P G Burgess, BArch(Hons) (N'cle), MS (Arch) (Columbia), MPhil (Lond), ARAIA

Professor of Building Studies

D Lenard, BAppSc(Hons), MAppSc (NSWIT), PhD (N'cle), FAIQS, FAIB, ICECA

Professor of Design Studies

G Caban, BA, MEd (Syd), DipEd (Syd Teach Coll), GradDipCommunication (NSWIT), MDIA (ED), AADM

Professor of Project Management

C Bredillet, MSc (Eng & IS) (Ecole Centrale Lille), MBA (Lyon Graduate School of Management), PgD Project Management (Lille University), CCE (ICEC), CPD (IPMA)

Associate Professors

W Barnett, MPhil (Soton), DipArch (Dunelm), FRSA, FRIBA, FRAIA

S Harfield, BArch(Hons), MArchSt (Adel), MSAHANZ, MCSA

A Karantonis, BEc (UNE), MCom (UNSW), FAPI

X Ruan, BArch, MArch (SEU, Nanjing), PhD (VUW, NZ), RAIA, SAH, SAHANZ

D Tomkin, DipDesign (RMIT), MDes (RCA)

J Wilson, DipADPostgrad (Edin), Graduate Certificate in Higher Education (UTS), MHed (UNSW)

Adjunct Professors

K Brereton, Dip Art (Alexander Mackie CAE), PhD (UTS)
 T Cooke-Davies, BA(Hons) (Nottingham), PhD (Leeds), FAPM, FIMgt
 T Golsby-Smith, BA (Syd), PhD (UWS)
 E Grosz, BA(Hons), PhD (Syd)
 F Hartman, BSc (Brighton), MSc, PhD (Loughborough University of Technology)
 E Hoffman, BSc (Brooklyn College), MA, MSc, PhD (Columbia)
 C R Johnson, BArch (Syd), MBEnv (UTS), March (UNSW), LFRAIA
 T Kennie, BSc, MAppSci, MBA, PhD, FRICS, MIPD, CMC
 P Morris, BSc, MSc, PhD (UMIST)
 J Pinto, BA, BSc (Maryland), MBA, PhD (Pittsburgh)
 I Price, BSc (UNE), PhD (Cambridge), FGS, MInst Pet
 G Runeson, BA(Hons) (WUC), MBuild (UNSW), PhD (QUT)
 J Thomas, BSc (Victoria), MBA (British Columbia), PhD (Alberta)
 R Turner, BE (Auck), MA, MSc, DPhil (Oxon), CEng, CMath, FIEMechE, FAPM, MIMA, MInstD
 K Yeo, BEng (Singapore), MBA (Strathclyde), MSc, PhD (UMIST)

Senior Lecturers

D Bajaj, BE (MIT), MConstMgt (UNSW), PhD (UTS), MIEAust PEng, MAACE, MAIB
 R Best, BSc (Arch) (Syd), BAppSc(Hons), MAppSc (Thesis) (UTS), AAIQS, MRICS
 J A Broadbent, BSc, PhD (R'dg), GradDipEnvStudies (Macq), AADM, MDIAJ
 L Crawford, BArch(Hons) (Syd), MTCP (Syd), GradDipHRM (MCAE), AdipC (HMC), DBA (Brunel), FRAIA, AAPI (Econ), MAIPM, MAPM
 G de Valence, BEc(Hons) (Syd), MAIB
 J Gothe, DipGraphicDesign (NAS), BA (Syd), ASTC
 W Granwal, BE(Hons), ME (Auck), MIPENZ, FIEAust, RPEQ
 R V Hayes, BArch (Syd), MEnvStudies (Macq)
 P L Healy, BE (NUI), DIC, MSc (Lond), MBA (UNSW), MIEAust, MAIPM
 K Heathcote, BE(Hons), MEngSc, MCom (UNSW), GradDipEd (SCAE), MIEAust, MAIB
 M J Hill, CertGroupwork (SAIT), GradDipMedia (AFTRS), MA (Research) (UTS), ASIFA, IASPM, AAANZ

V Horridge, MDes (RCA), FGI
 J W Kesteven, BA(Hons) (UTS)
 T Laurence, BSc (Arch), BArch (UNSW), FDIA
 J O Oluwoye, DipCart/RemSen (BriarCliffColl, NY), BSc URPL (UWM), MCP (How), PhD (UNSW), MCIT, AITPM, MACSM, MNITP, MREAAA, MAPA, MWCTRS
 G H Searle, BA(Hons) (Adel), PhD (Macq), MRAPL, MIAG
 N Shooter, BAppSc(Hons) (NSWIT), AIMM, FAIB
 G Small, JP, BSurv, MCom (UNSW), PhD (UTS)
 P V Smith, BAppSc(Hons) (NSWIT), MAppSc (UTS), FAIQS ICECA, MRICS, MAIB, MFMA, MAACE
 D B Springett, BSc (Arch), BArch (UNSW), RAIA, AIARbA
 R Trembath, MDesign (UTS), MDIA, AADM
 J Twyford, DipLaw, AIARb (Aust), SJD (UTS)
 G Verghese, BTech (Ryerson), MA (Man Poly), ARIDO, IDC, IIDA
 P Waxman, BA(Hons), DipEd (SUNY), DipEc (Stock), MBA (Wash), PhD (UTS), ASA
 S T K West, BBuild, MAppSc (UNSW), GradDipAdultEd (SCAE), MEIA, MAIB
 G Wilkie, GradDip T&C Planning (Syd), DipEd (Syd Teach Coll), ARAIA

Lecturers

H Antoniadis, MRE (UNSW), Diploma in Accountancy (MCES)
 C Bowman, BA(Hons) (LCA), MA (RCA)
 P J Cantrill, BSc (Arch), BArch (Syd)
 A Caro, BArch (NSWIT), MBEnv (UTS), RAIA
 P H Clarke, BBuild (UNSW), GradDipEd (Tech) (SCAE), GradDipEdStuds (Computer Ed) (UTS)
 G Ding, DipQS BSc (Belf), MSc (Salf), MRICS, AAIQS
 H Gilbert, BEd (Syd), BAppSc(Hons) (UTS), GAPI
 M Gillen, BA(Hons) (Sheff), DipSurv (CEM), PhD (Trent), PGCUTL (Northumbria), MPIA
 R Grosvenor, BAppSc(LE)(Hons) (UTS), AAPI
 E N Hagen, MDes (RCA)
 V Kokotovich, BSc (Purdue), MED (Maryland), MA (Purdue)
 C Lockhart, BA (Industrial Design) (SCA), Graduate Certificate in Higher Education (UTS), MDIA
 T Loveday, BArch (SAIT), MVA (Syd)
 D McManus, BA (Curtin)

L McWhinnie, BA(Hons) (Middx)
 M Miller, DipAD(Hons) (B'ham), MDes
 (RCA), Graduate Certificate in Higher
 Education (UTS)
 J Muir, BArch (UNSW)
 J G Phillips, BA(Hons) (Syd), PhD (Lond)
 K Remington, BArch, GradDipEd(Melb),
 MSAHANZ, MIAB, RAlA, MAIPM
 G Rowe, BDesign (Interior Design) (UTS)
 M Roxburgh, BA Vis Arts (UNSW), MA
 (UWS)
 S Stewart, BScArch, BArch(Hons), PhD
 (Syd)
 M Stiles, BSc (Arch), BArch (Syd)
 K Sweetapple, BDesign (UTS)
 P Thalís, BScArch, BArch(Hons) (Syd),
 CEAA (Urban Architecture) (Paris-
 Belleville)
 L Thomas, BArch (Bangalore), MArch
 (Research) (UNSW)
 D G Thompson, DipAD(Preston), CertEd
 (Hatfield), MCSD Chartered Designer (UK)
 M Titmarsh, BAVisArts (UNSW), LLB
 (Q'ld), MA (Syd)
 C Wang, BEng, MEng (Hunan), PhD (Syd)
 N Williams, BDesign (UTS)

Associate Lecturers

A Clifton Cunningham, BDesign, Graduate
 Certificate in Higher Education (UTS), Dip
 Marketing Management (SIT)
 N Stead, BArch(Hons) (UniSA)
 K Orr, BArch(Hons) (UTS)

UTS Design Studio

L Barnum, BA Communications/Arts
 Admin (UCLA)

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UTS CONTACTS

University of Technology, Sydney

telephone (02) 9514 2000
 international +61 2 9514 2000
 fax (02) 9514 1551
 email info.office@uts.edu.au
 www.uts.edu.au

Postal address

PO Box 123
 Broadway NSW 2007
 Australia

City campus

Broadway

- CB01, Tower, Building 1
15 Broadway, Broadway
- CB02, Building 2
15 Broadway, Broadway
- CB03, Bon Marche, Building 3
755 Harris Street, Broadway
- CB04, Building 4
745 Harris and 95 Thomas Streets
- CB06, Peter Johnson Building
Building 6
702 Harris Street, Broadway
- CB08, The Terraces
9–13 Broadway, Broadway
- CB10, Building 10
235 Jones Street, Broadway

Haymarket

- CM05A–CM05D, Building 5
5–59 Quay Street
Haymarket

Blackfriars

- CC01–CC07
2–12 Blackfriars Street, Chippendale

Smail Street

- CS01, 3 Smail Street, Ultimo

Harris Street

- CH01, 645 Harris Street, Ultimo

McKee Street

- CK01, McKee Street Childcare
1 McKee Street, Ultimo

Quay Street

- CQ01
10 Quay Street, Haymarket
- Prince Centre
8 Quay Street, Haymarket

Student housing

- CA02, Bulga Ngurra
23–27 Mountain Street, Ultimo
- CA01, Geegal
82–84 Ivy Street, Chippendale

Institute for Sustainable Futures

- Suite 213
National Innovation Centre
Corner Garden, Cornwallis and
Boundary Streets
Eveleigh NSW 1430
telephone (02) 9209 4350
fax (02) 9209 4351

Kuring-gai campus

- KG01–KG05
Eton Rd, Lindfield
(PO Box 222, Lindfield NSW 2070)
- UTS Northshore Conference Centre

St Leonards campus

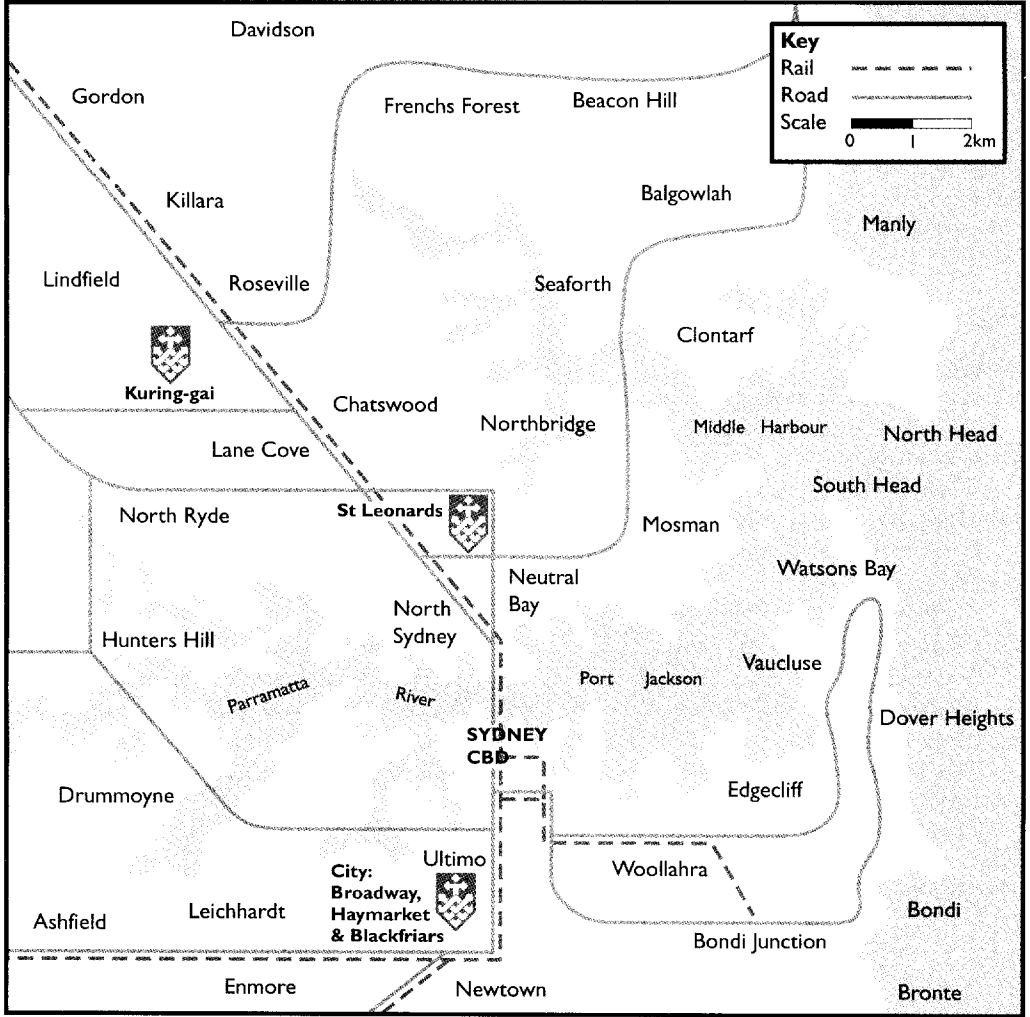
- SL01, Dunbar Building
Corner Pacific Highway and
Westbourne Street, Gore Hill
- SH52, Clinical Studies Building
SH51, Centenary Lecture Theatre
SH11A, West Wing, Reserve Road
Royal North Shore Hospital
- SH44, Gore Hill Research Centre
and SH44A, Biology Annexe
Royal North Shore Hospital

Yarrowood conference and research centre

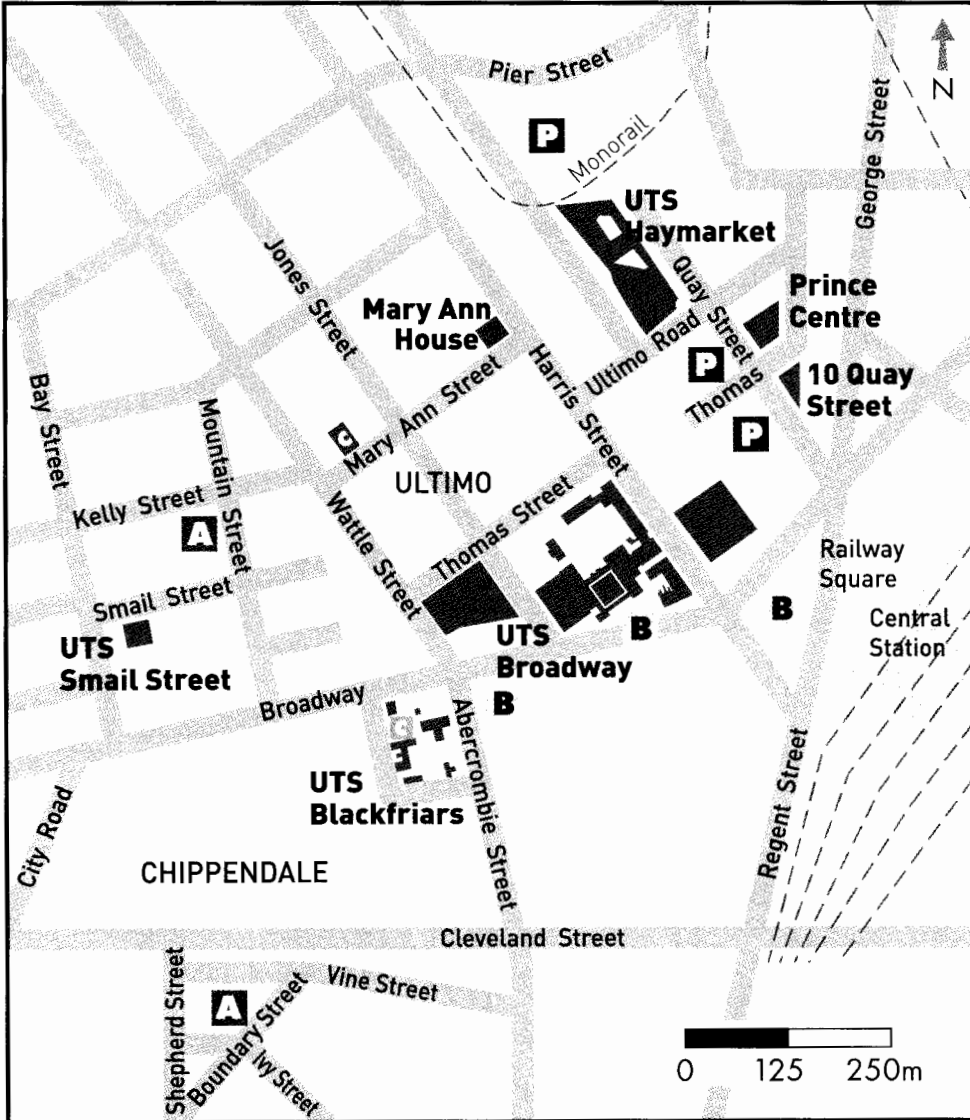
- YW01–15
689 Springwood Road
Yarramundi NSW 2753

UTS MAPS

Sydney regional map

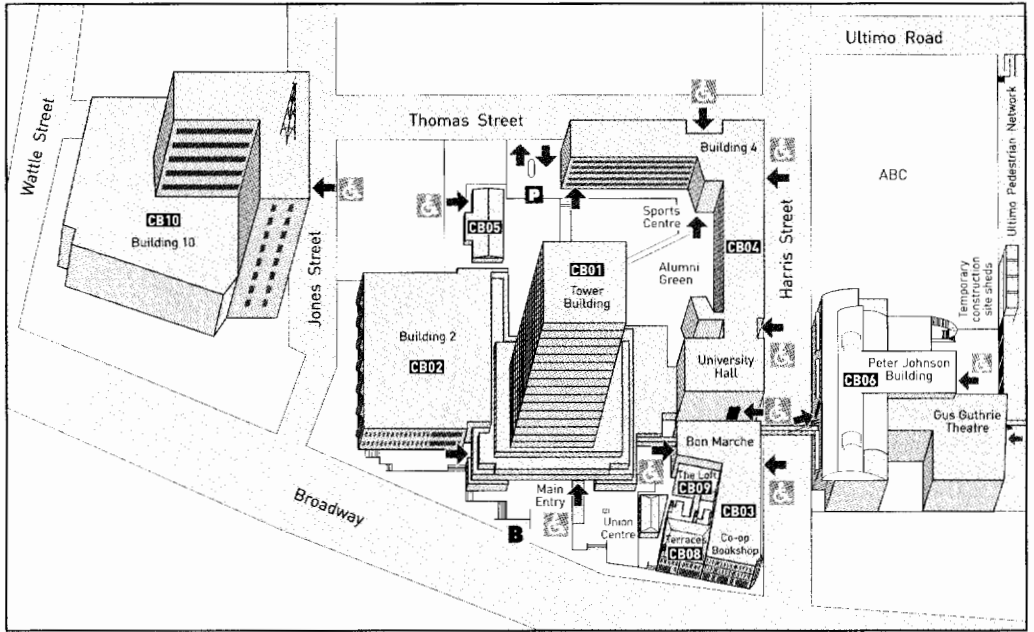


City campus

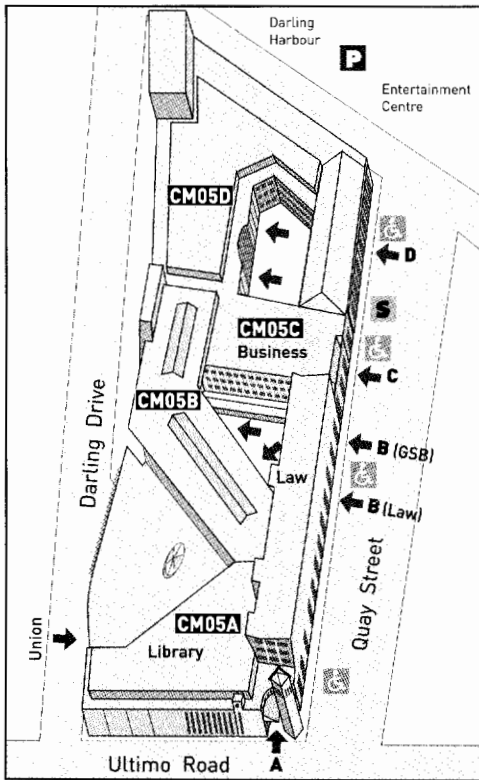


KEY	
	Entry / Exit
	Disabled access
	Main bus stop
	UTS shuttle bus
	Parking
	Child care
	Student accommodation
	Building numbers

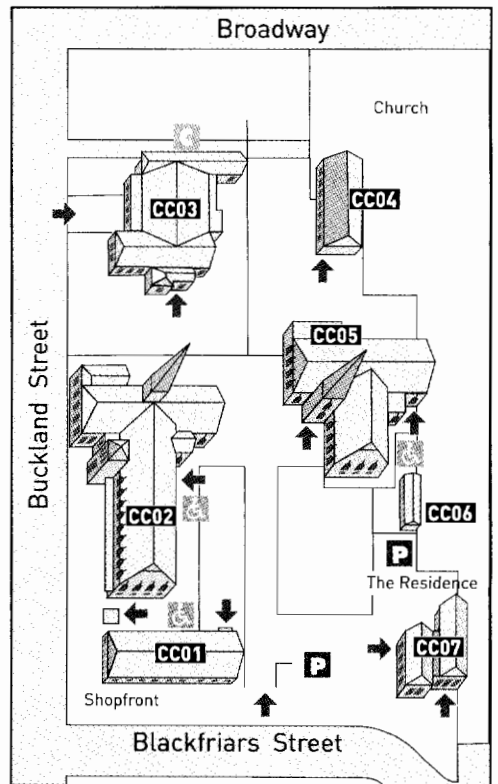
Broadway



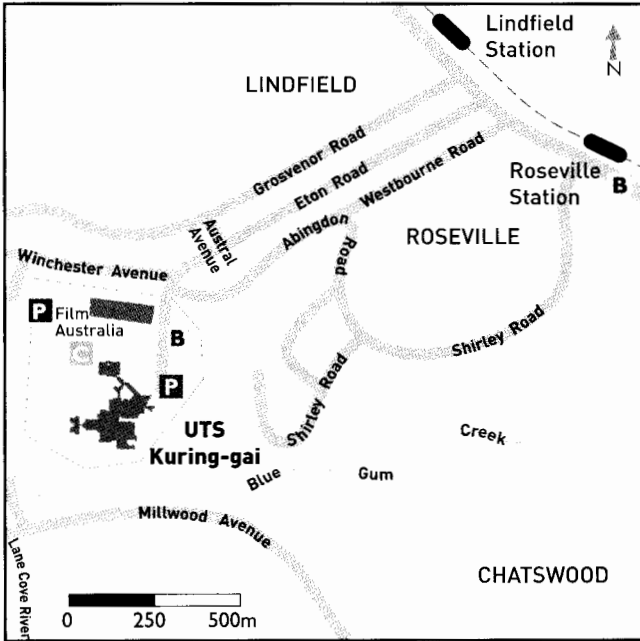
Haymarket



Blackfriars

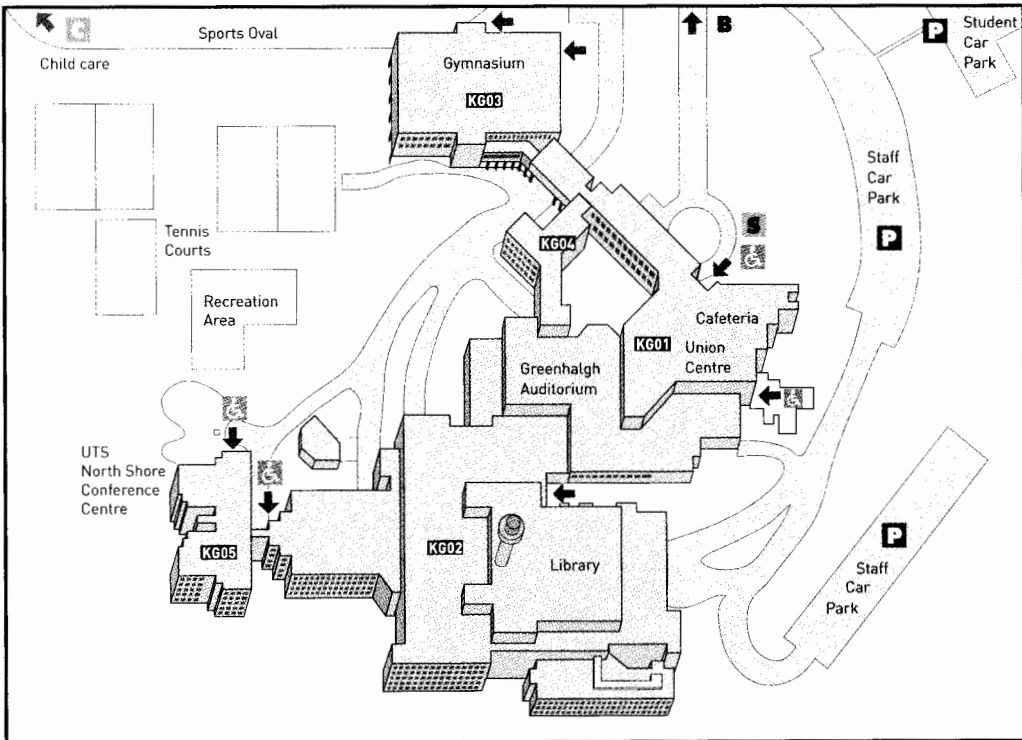


Kuring-gai campus

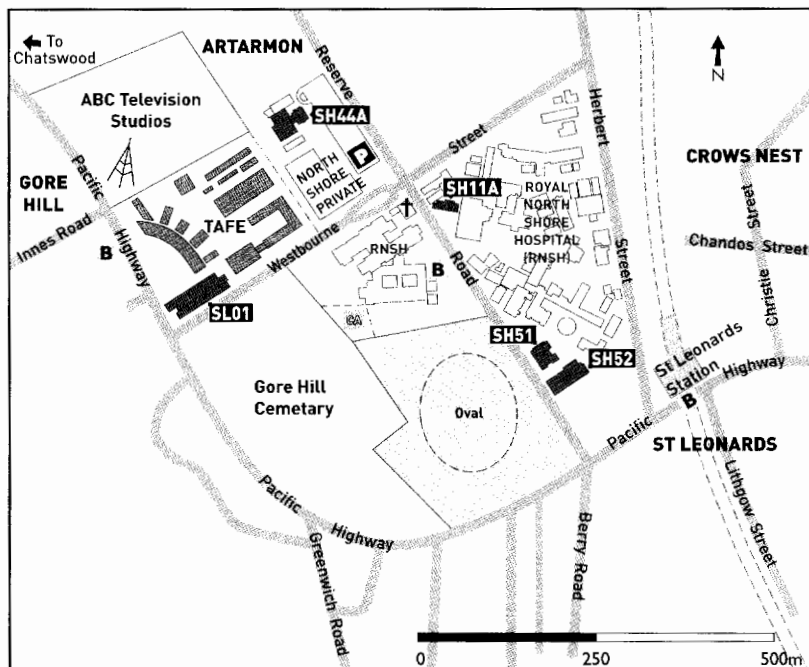


KEY

- Entry / Exit
- Disabled access
- Main bus stop
- UTS shuttle bus
- Parking
- Child care
- Student accommodation
- Building numbers



St Leonards campus



KEY TO MAP

Building colours indicate:

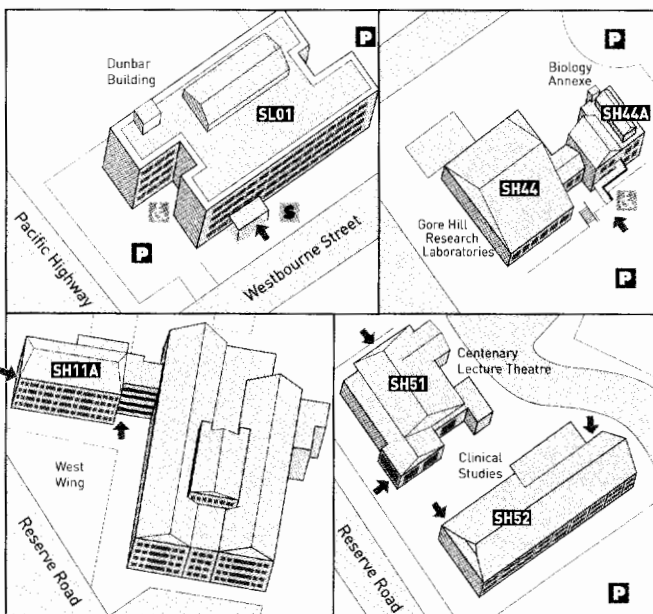
- UTS buildings
- Hospital buildings
- TAFE buildings

UTS building numbers indicate:

- SH44A** Biology Annexe
- SH52** Clinical Studies
- SL01** Dunbar
- SH51** Centenary Lecture Theatre
- SH11A** West Wing

Other symbols indicate:

- B** Bus Stop
- †** Chapel
- Construction area
- P** Parking



UNIVERSITY OF TECHNOLOGY, SYDNEY

PO Box 123
Broadway NSW 2007
Australia
telephone (02) 9514 2000

www.uts.edu.au

Course inquiries

Within Australia
telephone (02) 9514 1222
email info.office@uts.edu.au

International
telephone +61 2 9514 1531
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