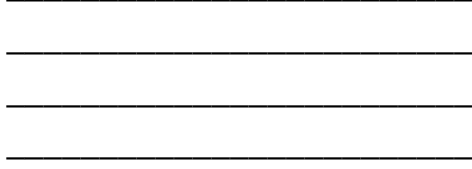


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# HANDBOOK



Queensland University of Technology

[www.qut.edu.au](http://www.qut.edu.au)

***Gardens Point Campus***

2 George Street  
Postal Address: GPO Box 2434, Brisbane Q 4001  
Telephone: (07) 3864 2111  
Fax: (07) 3864 1510

***Kelvin Grove Campus***

Victoria Park Road, Kelvin Grove, Brisbane  
Postal Address: Victoria Park Road, Kelvin Grove Q 4059  
Telephone: (07) 3864 2111  
Fax: (07) 3864 3998

***Carseldine Campus***

Beams Road, Carseldine, Brisbane  
Postal Address: Beams Road, Carseldine Q 4034  
Telephone: (07) 3864 2111  
Fax: (07) 3864 4999

***CRICOS Institution Code***

00213J

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General Information

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## HISTORY

The Queensland University of Technology (QUT) was created in January 1989 by redesignation of the Queensland Institute of Technology (QIT). However, QUT's origins go back to the beginning of technical and teacher education in Queensland when the Brisbane School of Arts was established in 1849. QIT had its origins in the Central Technical College, which was established in 1914 on what is now the University's Gardens Point campus. On its formation in 1965, QIT absorbed the professional courses offered by the Central Technical College and in its first year enrolled some 2000 part-time students.

In May 1990, QUT amalgamated with the Brisbane College of Advanced Education (BCAE), a large multi-campus institution specialising in the arts, business, education and the social sciences. BCAE was formed by an amalgamation that took place in January 1982, its precursors being the Kelvin Grove, Mount Gravatt and North Brisbane Colleges of Advanced Education and the Brisbane Kindergarten Teachers' College. These institutions were established, under other designations, in 1914, 1969, 1961 and 1907 respectively. The Mount Gravatt campus of BCAE was transferred to Griffith University in January 1990 prior to BCAE commencing amalgamation negotiations with QUT.

The institution resulting from the amalgamation of BCAE with QUT has retained the title Queensland University of Technology. It is a major university in the Australian context with a broad academic profile and an increasing involvement in research and postgraduate education. QUT has an enrolment of over 35 000 students and expectations of sustained growth. It currently has campuses at Carseldine, Kelvin Grove and Gardens Point, all in metropolitan Brisbane.

## MISSION

Within its mission statement QUT has identified three main goals:

- **Teaching**

To ensure that QUT graduates possess knowledge, professional competence, a sense of community responsibility, and a capacity to continue their professional and personal development throughout their lives.

- **Research**

To advance and apply knowledge germane to the professions and to the communities with which QUT interacts, and relevant to the enhancement of economic, cultural and social conditions.

- **Service**

To contribute to the development of Australia's international responsibility and competitiveness, to enhance QUT's relationship with the professions, and to increase community awareness of issues through professional service and social commentary.

## INFORMATION

In addition to the handbook, the University produces a range of publications to which the public has access. These include the Research and Consultancy Report, the Annual Report and the University's Manual of Policy and Procedures (MOPP). These publications are available in the University's libraries or may be obtained, on request, from the Registrar. The Annual Report and the MOPP are also accessible via QUT's website at [www.qut.edu.au](http://www.qut.edu.au).

All correspondence should be addressed to:

The Registrar  
Queensland University of Technology  
GPO Box 2434  
Brisbane Qld 4001  
Australia

QUT is subject to the *Queensland Freedom of Information Act 1992* which commenced on 19 November 1992.

## ORGANISATIONAL STRUCTURE

The QUT organisational structure consists of the Chancellery, eight faculties, QUT Carseldine, and three divisions.

The faculties are:

- Built Environment and Engineering
- Business
- Creative Industries
- Education
- Health
- Information Technology
- Law
- Science

The divisions are:

- Administrative Services
- Information and Academic Services
- Research and Advancement.

## PRINCIPAL DATES

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The schedule of dates which appears below is the University's official calendar. Not all courses comply with the official calendar in every respect. Detailed information on individual course calendars is available from faculty offices.

### PUBLIC HOLIDAYS 2003

1 January	New Year's Day
27 January	Australia Day
18 April	Good Friday
19 April	Easter Saturday
21 April	Easter Monday
25 April	ANZAC Day
5 May	Labour Day
9 June	Queen's Birthday
13 August	Royal National Show
25 December	Christmas Day
26 December	Boxing Day

### FIRST SEMESTER 2003

24 - 28 February	Week 1
3 - 7 March	Week 2
10 - 14 March	Week 3
17 - 21 March	Week 4
24 - 28 March	Week 5
31 March - 4 April	Week 6
7 - 11 April	Week 7
14 - 18 April	Week 8
21 - 25 April	Vacation
28 April - 2 May	Week 9
5 - 9 May	Week 10
12 - 16 May	Week 11
19 - 23 May	Week 12
26 - 30 May	Week 13
2 June	Classes in lieu of Labour Day Holiday
3 June	Classes in lieu of Good Friday Holiday
2 - 7 June	Exam Preparation
10 - 14 June	Exams
16 - 21 June	Exams
23 - 24 June	Exams
30 June - 4 July	Vacation
7 - 11 July	Vacation

### SECOND SEMESTER 2003

14 - 18 July	Week 1
21 - 25 July	Week 2
28 July - 1 August	Week 3
4 - 8 August	Week 4
11 - 15 August	Week 5
18 - 22 August	Week 6
25 - 29 August	Week 7
1 - 5 September	Week 8
8 - 12 September	Week 9
15 - 19 September	Week 10
22 - 26 September	Week 11
29 September - 3 October	Vacation
6 - 10 October	Week 12
13 - 17 October	Week 13
20 October	Classes in lieu of Royal National Show Holiday
20 - 24 October	Exam Preparation
27 October - 1 November	Exams
3 - 8 November	Exams
10 - 15 November	Exams

### SUMMER PROGRAM 2003/2004

17 - 21 November	Week 1
24 - 28 November	Week 2
1 - 5 December	Week 3
8 - 12 December	Week 4
15 - 19 December	Week 5
22 - 26 December	Vacation
29 December - 2 January 2003	Vacation
5 - 9 January	Week 6
12 - 16 January	Week 7
19 - 23 January	Week 8
26 - 30 January	Week 9
2 - 6 February	Week 10
9 - 13 February	Week 11
16 - 21 February	Week 12/Examinations
23 - 28 February	Examinations/ Orientation Week
1 March	First semester 2004 commences

## COUNCIL

Composition, membership, powers and responsibilities of QUT Council are governed by the QUT Act 1998 (see MOPP Appendix 1). Procedures for meetings, dealing with business in Council, and establishment of committees are included in Council Procedure 1 — Conduct of meetings of Council and Committees (see MOPP Appendix 2).

QUT Council comprises senior members of the professions for which QUT prepares graduates; appointees from higher education, government, commerce and industry; elected staff, students and members of Alumni, and the University's chief executive officer. Council is responsible for the entire management of the University.

Council is empowered to establish committees and to delegate power to committees or officers of the University. While Council is ultimately responsible for the management and operation of QUT, it has delegated authority to the chief executive officer, the Vice-Chancellor, and to various senior administrators of QUT for much of the day-to-day management of the University (see MOPP Appendix 3). Council has also established a number of advisory committees, some of which have been authorised to make decisions in respect of prescribed policy and procedural matters.

## COUNCIL MEMBERSHIP

### Chancellor (Chairperson)

Dr C. (Cherrell) Hirst, AO, MBBS BEdSt *Qld*.

### Vice-Chancellor

Prof R. D. (Dennis) Gibson, BSc(Hons) *Hull*, MSc PhD *N'cle* (UK), DSc CNA, DUniv *USC*, FAIM, FTS.

### Nominees of the Minister for Education

Mr K. (Keith) Hilless, BE(Elec) *Qld*. Chairman, Ergon Energy.

Mr F. (Frank) Haly, AO, DUniv *QUT*, AAUQ *Qld*, FCA, FASA, CPA. Company Director, Deloitte Touche Tohmatsu.

Mrs L. (Linda) Lavarch, LLB, GradDip(Legal Practice). State Member for Kurwongbah

Ms J. (Julie) Withey, LLB, BA *Qld*, GradDip(Legal Practice) *QUT*. Consultant, McCullough Robertson Lawyers.

Dr C. (Colin) Dillon. Policy Advisor, Indigenous Business Consulting.

Ms E. (Elizabeth) Mellish, EdD (Leadership) *QUT*. Director, Mellish and Associates.

Mr K. (Kenneth) Smith, BSW(Hons), MSW *NSW*. Director-General, Queensland Department of Employment and Training.

### Nominee of the Director-General of Education

Mr N. (Neil) Whittaker, Bcomm *JCU*, CertCivEng *QIT*. Assistant Director-General, Office of Resource Services, Education Queensland.

### Nominees of Council

Dr D. (Douglas) McTaggart BEc *ANU*, MA PhD *Chicago*. Deputy Chancellor. Chief Executive Officer, Queensland Investment Corporation.

Mr K. (Ken) Dredge, BE (Chen) *Syd*, BEc *Qld*. Chairman, Tarong Energy Corporation.

### Elected General Staff Members

Ms H. (Halima) Goss, DipTeach, BAppSc *CQU*. Associate Director (Online Teaching), Manager (Software, Multimedia & Internet Learning Environments), Division of Information and Academic Services.

Miss S. (Susan) Smith. Bcomm *GU*, MEdAd *Qld*. School Administration Officer, School of Electrical and Electronic Systems Engineering, Faculty of Built Environment and Engineering.

### Elected Academic Staff Members

Dr R. (Bob) Cope, CertT Sydney TC, BEd(Hons) *JCU*, MEdSt *Qld*, PhD *QUT*, Coordinator (Secondary), School of Professional Studies, Faculty of Education.

Mr R. (Ross) Daniels, BA(SocWk), BA(Econs), M.S.P.D *Qld*. Lecturer, School of Humanities and Human Services, QUT Carseldine.

Ms L. (Leanne) Wiseman, LLB(Hons) *QIT*, LLM *Lond*. Senior Lecturer, Faculty of Law.

### Elected Student Members

Vacant.

### Elected Alumni Members

Mr M. (Malcolm) Thatcher, BAppSc (Computing), MAppSc (Computing) *QUT*, BSc(Hons) *Qld*. Managing Director and Chief Executive Officer, Thentec Pty Ltd.

Ms A. (Ann-Maree) McDiarmid, LLB *QUT*, LLM *Monash*. Barrister.

### Secretary

Dr Carol Dickenson, BBus *QIT*, PhD *UQ*, Registrar

### Deputy Vice-Chancellor (attends by invitation)

Prof O.P. (Peter) Coaldrake, BA(Hons) *JCU*, PhD *Griff*, FAIM, FRIPAA.

### Tenure

Council serves a three-year term from 21 November 2001.

## COMMITTEES

QUT committees form the major decision-making structure of the University and student representation is provided for on both University and faculty committees. The major University committees that have student representation as part of their membership are:

- Academic Policies and Procedures Committee
- Appeals Committee
- Community Service Committee
- Cultural Diversity Committee
- Disability Services Committee
- Equity Awards Committee
- Equity Board
- Outstanding Contribution Award (Academic Staff) Committee
- Outstanding Contribution Award (General Staff) Committee
- QUT Council
- Teaching and Learning Committee
- University Academic Board
- University Health and Safety Committee

QUT encourages student representation on the above committees. If you are interested in finding out more information about University committees contact the Secretariat on (07) 3864 2380. If you wish to find out how to become a student representative member of any of the above committees contact the Student Guild on (07) 3864 1666.



## CHANCELLERY

*Vice-Chancellor:* Professor R.D. Gibson, BSc(Hons) *Hull*, MSc PhD *N'cle(UK)*, DSc CNA, FAIM, FTS

*Deputy Vice-Chancellor:* Professor O.P. Coaldrake, BA(Hons) *James Cook*, PhD *Griff.*, FAIM, FRIPAA

*Director, Corporate Communication:* P.H. Hinton, BA *Qld*

*Director, Academic Policy and Programs:* Dr D.W. Field BSc(Hons) PhD *Adel.*, DipT *Adel.CAE*, FAIP

*Manager, Oodgeroo Unit:* V. Hart

## ADMINISTRATIVE SERVICES DIVISION

*Registrar — Head, Administrative Services:* Dr Carol Dickenson, BBus *QIT*, PhD *UQ*

*Director, Student Services:* R.P. Morley, BBus *QIT*, MAdmin *Griff.*

*Associate Director, Operations & Systems:* H. Tinsley, BBus *Griff.*

*Associate Director, Admission & Information:* H. Cook, BA *UQ*, BEdSt *UQ*, DipEd *UQ*, GradDipBusAdmin *BCAE*

*Director, Human Resources:* P. Watson, B Econ, LLB, AFAHRI

*Director, Facilities Management:* A. Frowd, BEng(Hons) *QIT*, MEngSc *Mon*, MEngSc *QUT*, GradDipMgtStud *RAAFC*, MHEAust, CPEng

*Associate Director, Campus Services (Gardens Point):* G.P. Abernethy, BA MPubAdmin *Qld*, GradDipBusAdmin *QIT*

*Associate Director, Campus Services (Kelvin Grove/Carseldine):* D.W. Spann, BA *Qld*

*Associate Director, Major Projects:* R. Woods, BDesSt, BArch

*Associate Director, Operations:* B. Fenn, BSc *Birm*, MBA *Qld*

*Associate Director, Capital Works:* A. Perrau, BEng(Hons)

*Manager, Publications:* I.A. Wynne

*Manager, Secretariat:* S.E. Johnstone, BA *ANU*, DipContEd *UNE*

*Coordinator, Equity:* M.A. Kelly, BA DipEd *Qld*

*Student Ombudsman:* Dr N. Bofinger, BSc *UNE*, PhD *UQ*, GDipCompSci *QUT*

## FINANCE AND RESOURCE PLANNING DIVISION

*Executive Director, Finance and Resource Planning:* J.L. Williams, BCom *UQ*, GradDipLegalSt, CPA

*Director, Accounting Services:* P.G. Sullivan, BBus *BCAE*, FCPA

*Corporate planning Manager:* I.L. Hawke, BA *Qld*, MAdmin *Qld*

*Director of Efficiency and Audit:* S. Patel, BBus (Acctg)

*Kelvin Grove Urban Village Project manager:* S.W. Pincus, BSc, GradDipAppEcon

*Manager, Data and Analysis/SMARTA:* P. Alner, BInfoTech, GradDipComm, MBus (ComnSt)

*Resources Manager:* T.A. Leighton, BBus (Acctg), FCPA

## INFORMATION AND ACADEMIC SERVICES DIVISION

*Pro-Vice-Chancellor — Head, Information and Academic Services:* T. Cochrane, BA *Qld*, MPhil *Griff.*, AALIA

*Director, Information Technology Services:* N. Thelander

*Director, Library Services:* G.M. Austen, BA(Hons) *Melb.*, DipLib *Canb.*, MBA *Qld*, AALIA, AIMM

*Director, Teaching & Learning Support Services (TALSS):* G. Hart, DipNurs *BCIT*, DCHN *Cumberland*, BA MHP PhD *UNSW*

*Associate Director, Online Teaching Coordination, TALSS:* H. Goss, DipTeach(Maths/Sci) *MtGravatt CAE*, BAppSci (Comp-Sci) *QCU*, MACS, PCP

*Associate Director, TALSS:* G.A. Roberts, BA(Hons) DipEd *UNSW*, MScEd EducSpecialist *Indiana*

*Manager, Central Information Services:* J. Dascoli

*Manager, Network Services:* R.A. Gorham, BE(Hons) DipComp-Sci *Qld.*, MBA *Deakin*, MACS, AIMM

*Associate Director, Library Services, Development:* J. Novak

*Associate Director, Library Services, Information Resources:* C. Young, BA *Qld.*, AALIA

## RESEARCH AND ADVANCEMENT DIVISION

*Pro-Vice-Chancellor — Head, Research and Advancement:* D.G. Gardiner, BA LL(M)Hons *Syd*, Barrister

*Director, Postgraduate Research Studies:* Professor R.C. Wissler, BA(Hons) PhD *Qld*

*Director, International College:* E. McDade, TDipCom *Strathclyde*, TCert *Jordanhill*, BEdSt *Qld*, MAcc *Charles Sturt*

*Director of Studies, University Entry Programs:* A. Poiner, BSc DipEd BEd DipPsych *Qld*

*Director of Studies, English Language Programs:* I. McGregor, BA *Griff.*, GradDipEd PGDipSocSc *Qld*, MEd(TESOL) *UNE*

*Manager, International Marketing Office:* Mr K. O'Brien, MA *Trinity*

*Manager, Commercial Services:* C. Melvin, BBus(Mgmt) *QIT*, MBA *Qld*

*Manager, Office of Research:* N.H. Gilbert, BA(Hons) MEd GradDipEdAdmin *Monash*, DipEd *Hawthorn IE*

*Manager, Development:* Dr D. McDiarmid, BA(Hons) PhD *Qld*, GradDipRE *Mt Gravatt CAE*, MA(Hons) *Syd*. CFRE

The University may award medals known as Queensland University of Technology Medals to graduands of certain courses who have achieved an exceptionally high level of performance in their studies.

Eligibility to be considered for the award of a University Medal will be limited to:

- graduands of honours degrees where performance in the related bachelor degree is also taken into account
- graduands of degrees with honours, including components of double degree programs where awards with honours are made
- graduands of bachelor degrees of at least three years normal duration where no honours award is available, including relevant components of double degree programs where no honours award is available.

In completing one of the above degrees, graduands must have been enrolled at QUT for at least two years of full-time study or equivalent.

For the award of a medal, a graduand should have reached a distinguished academic standard based on a grade point average in all units and in a thesis where such is required. The standard

should be at a higher level than would normally be expected from an excellent graduand. The medal should be testimony that the recipient not only shows exceptional academic promise at the time of the award, but also exhibits a distinguished record of achievement throughout the whole of the degree.

Because the University Medal is awarded only for outstanding achievement, University Academic Board has indicated as a guide to faculties that the proportion of graduands who may receive medals in any year should normally be not more than one per 200 bachelor-level graduands (or part thereof) per faculty. It is possible that in some years faculties would choose not to recommend a medallist.

The award is a silver medallion, suitably embossed and inscribed, together with a certificate attesting the award. The medallion is 5.5 centimetres square with rounded corners. The QUT logo is embossed one side and the reverse carries an inscription citing the year of the award and the name of the awardee. Further details may be placed on the certificate.

## ACADEMIC AND STUDENT SUPPORT SERVICES

### Careers and Employment

Careers and Employment (C&E) assists enrolled students and recent graduates to make informed course and career decisions in order to reach their employment goals.

The C&E Website (<http://careers.qut.edu.au>) is accessible to all QUT students and staff and provides:

- immediate, international, graduate and vacation job listings
- graduate destinations
- employment preparation information
- career planning website
- links to useful websites
- international discussion forum
- employer listings
- on-line resume builder
- workshops schedule
- career mentor scheme information
- online employer services

Other services to assist with employment preparation include:

- 24-hour resume checking service
- career counselling
- international career counselling
- employment preparation workshops
- career mentor scheme
- careers fairs
- career resource centres

Web: <http://careers.qut.edu.au>

Email: [careers@qut.edu.au](mailto:careers@qut.edu.au)

Carseldine

Level 3, C Block (Student Centre)

Phone: 07 3864 4831

Gardens Point

Level 2, U Block

Phone: 07 3864 2649

Kelvin Grove

Level 4, C Block

Phone: 07 3864 3656

### Chaplaincy

The University caters for the emotional and spiritual needs of students through the provision of chaplaincy services. The chaplaincy centres are ecumenical and, although the chaplains represent the major Christian denominations, they are also available to people of other religions. The chaplains are available at any time and are happy to discuss matters of a spiritual, religious, ethical or personal nature.

A chapel is available at the Gardens Point and Kelvin Grove campuses for quiet prayer, worship services and prayer meetings. The centre has a room with tea and coffee making facilities and is a good place in which to meet friends and make new ones. At Gardens Point, there is also a Muslim Mosque in rooms adjacent to the main chaplaincy rooms.

At Carseldine campus, the chaplain conducts weekly visits and ecumenical services as well as periodic Catholic Mass.

Chaplaincy Service locations:

Carseldine Room C310

Gardens Point Old Government House  
(near entrance to the Library and U Block)

Kelvin Grove Room A131 (ground floor near the Library)

You can also contact the chaplain on 07 3864 2086, mobile 041 464 2700 or email: [bj.clarke@qut.edu.au](mailto:bj.clarke@qut.edu.au)

### Computing and Technology Services

The **Student Computing Guide** covers essential computing information for QUT students. The guide is available on the web at [www.scg.qut.edu.au](http://www.scg.qut.edu.au). Details on finding student computer labs, using email, setting up your computer passwords etc can be found in this guide.

**QUT Virtual** is a large, integrated database that contains information relating to QUT students and their courses. Each student has a personal profile within QUT Virtual which displays information personalised to them. QUT Virtual is accessed using your QUT Access username and password. More information is located on the Student Computing Guide web site.

Features found within QUT Virtual include:

- online continuing and change to enrolment forms
- class timetables
- class allocations
- unit outlines
- booklists
- library borrowing information
- Internet access quota balances and usage history
- exam timetables
- exam results and academic history

QUT Virtual is located at: <https://qutvirtual.qut.edu.au>

**Internet access:** Each semester QUT provides students with a free Internet Access Service allocation to cover educational needs. Details about accessing and using the Internet through QUT can be found at <https://ias.qut.edu.au/>.

**Email:** All students are given access to the QUT student email service.

The student email service is accessed and used through the World Wide Web. Webmail is located at <http://email.qut.edu.au>. More information about using email at QUT is available at [www.scg.qut.edu.au](http://www.scg.qut.edu.au)

**Student Computing Helpdesk:** This service provides phone support for students using QUT's computing systems, needing to change passwords etc. Phone 07 3864 2898.

**Student Computing Labs:** Students can access the Internet, email, databases, lecture notes, tutorials and much more in the central student computing labs on each campus. Lab advisors are on hand in some central labs to provide assistance.

**SNAP:** The Student Notebook Access Plan (SNAP) is a program which offers competitively priced notebooks packaged with an extended warranty to QUT students. To find more information look at the SCPS web page at [www.scps.qut.edu.au](http://www.scps.qut.edu.au).

**Audiovisual Equipment:** Students have access to video camcorders, still cameras, mini-disk recorders, video projectors and a range of other equipment through the Audiovisual Services outlets at each campus. Studio and video duplication, video conversion, video editing and audio recording are also available. (In most cases prior approval from your lecturer is required. Hire fees apply without this approval).

## Copying, Printing and Digital Media Production

Student Copying and Printing Services (SCPS) provide a wide range of copying, printing and digital media production services for students. Student Copying and Printing Services has service outlets at each of the campus libraries. These service outlets offer a variety of value added services to assist in the preparation of assignments, reports and presentations. The full range of services and campus opening hours can be found on the Student Copying web site at [www.scps.qut.edu.au](http://www.scps.qut.edu.au).

## Counselling Service

Through offices on each of the campuses, the Counselling Service provides professional, confidential and free counselling to students. Students are welcome to contact the Counselling Service to make use of the services listed here.

**Personal counselling:** The Counselling Service provides opportunities for students to discuss, in confidence, issues and concerns including personal development/growth, relationship/family difficulties, stressful situations, grief, personal concerns, study and course difficulties.

**Welfare and advocacy:** The Counselling Service offers information, advisory, advocacy and referral services on a range of mat-

ters including finance, AUSTUDY, loan schemes, QUT rules, procedures and policies.

**Probation or withdrawal:** Students placed on probation or considering withdrawal from their course are strongly advised to discuss issues related to this situation with a counsellor.

**Workshops:** A range of personal development workshops is offered through the service. Details of these may be obtained from the Counselling Service on each campus.

**Appointments:** Students wishing to make an appointment should telephone or visit the Counselling Service at the campus most convenient to them. Appointments are available in two forms. A walk-in service of short appointments is available daily at each campus (note that Carseldine counselling service is only open Monday to Wednesday during semester). Longer appointments of 50 minutes are available for students who require more time.

Counselling Service locations:

Carseldine Level 2, C Block  
Phone: 07 3864 4539

Gardens Point Level 1, Community Building  
Phone: 07 3864 2383

Kelvin Grove Level 4, C Block  
Phone: 07 3864 3488

Web: <http://www.counselling.qut.edu.au/web/>

## Equity Programs and Services

QUT strives to support cultural and social diversity in our student body by providing a learning environment which:

- promotes the principles of equity and social justice
- is inclusive and supportive of people from all backgrounds
- is free from discrimination and harassment.

QUT provides a range of support programs to help remove barriers to success faced by some students, including:

- students from low income backgrounds: admission, orientation and support services through the Q-Step Program. Phone 07 3864 3731;
- Aboriginal students and Torres Strait Islander students: admission, orientation and support services coordinated by the Oodgeroo Unit. See page 15 of this guide for information on services and look out for details on Aboriginal and Torres Strait Islander pre-orientation activities in the Orientation Program;
- people from non-English speaking backgrounds: language and learning skills support provided by International Student Services. See page 28 of this guide for more information;
- women studying in built environment or engineering: services and support provided through the Women in Built Environment and Engineering (WIBEE) Program. Phone 07 3864 2849;
- people with disabilities: assistance and support coordinated, or negotiated, by the Disability Officer. Refer to the Enrolment Guide and contact the Equity Section or visit [www.qut.edu.au/admin/equity/disability](http://www.qut.edu.au/admin/equity/disability) for a copy of the Guide for Students with Disabilities; and
- students who have experienced educational disadvantage: a support program for Human Services students who have experienced disadvantage from a disability, for example, or who are from a non-English speaking background. Phone 07 3864 4537.

## Health Service

Health and medical services are provided for all QUT students by nurse practitioners and doctors located on all campuses. Nurse practitioners are available to provide first aid treatment of injuries

and acute illnesses occurring on campus. As well as routine medical services, the Health Service provides minor surgery including the removal of warts, moles and sunspots. Pathology services and vaccinations are also available. "Well women" care includes smear tests, contraceptive advice and pregnancy testing, together with offering general health information and lifestyle advice.

Please contact the Health Service on your campus to arrange consultations with nurses and/or doctors. Opening hours vary on each campus.

Carseldine C Block  
Phone: 07 3864 4539

Gardens Point Y Block  
Phone: 07 3864 2321

Kelvin Grove C Block  
Phone: 07 3864 3161

## Library

The QUT Library has a branch on each campus, plus the Law Library at Gardens Point. Each branch has specialised collections to support the subject disciplines taught at that campus.

For assistance in using the Library, searching for information or using electronic resources, consult staff at the information desk. Information sheets and subject pathfinders are also available.

**The QUT Library Website:** This is a great place to start your search for information, [www.library.qut.edu.au](http://www.library.qut.edu.au), or follow the Library link from the QUT home page. It provides 24-hour access, from on and off campus, to the Library catalogue, databases, eJournals, eReserve (electronic copies of lecture notes and handouts) and Internet resources.

**Borrowing from QUT Library:** The QUT Library collection includes a wide range of materials in a variety of formats, from books and periodicals to videos, computer software, audiovisual materials, CDs and CD-ROMs. Most items, except for periodicals, are available for loan. Loan periods range from one day to four weeks.

You can borrow in person from other branch libraries, or request an intercampus loan, where the item is sent to your branch library to be picked up. For books use the "hold" option in the Library catalogue. For journal articles and videos, use the forms available from the Document Delivery desk at each branch.

If an item you require is on loan, you can use the Library catalogue to request a hold on the item. You will be emailed when it is returned and ready to be collected from your branch library.

QUT Library operates a penalty points system to encourage the prompt return of material. All library notices are emailed to your QUT email account, so check it regularly.

**Self Service Options:** You can stay informed about your loans by using the catalogue self service options. Select the View Borrower Information option to check:

- what you have on loan and when it is due back
- any penalty points you have accrued
- items you have on hold and if they are ready to be collected
- items that have been recalled and their new due date
- renew current loans.

**Borrowing from other Libraries:** You can borrow from other university libraries in person or, in the case of Griffith University, the QUT Library will bring the materials to your branch library to be collected. Fill in a Special Reciprocal Loan form to borrow from Griffith. To borrow from other libraries you need to register as a Reciprocal Borrower, which costs \$40 per year (GST included). Ask staff at the Loans Desk for more information.

**Skills in Finding and Using Information:** Classes in using the catalogue, searching electronic databases and searching the Internet effectively are held during the first weeks of semester and throughout the semester. Students may also obtain assistance and instruction from the information desk. To assist you in mastering the necessary skills for your research and study, Pilot: Your Information Navigator is a web based on-line tutorial available from the library website.

**Other Services:** Study spaces and group discussion rooms are available. Assistance is given to students with disabilities to ensure they have access to Library resources. Special rooms, and wheelchair and lift access are provided at each branch.

**Library Hours** vary throughout the year and between each branch library. Check signs or the Library website.

You can contact the Library on the following telephone numbers:

Carseldine: 07 3864 4555  
Gardens Point: 07 3864 2083  
Kelvin Grove: 07 3864 3079  
Law Library: 07 3864 2842

## Oodgeroo Unit

The Oodgeroo Unit is the centre of QUT's activities in Aboriginal and Torres Strait Islander education, studies and research.

The Unit is committed to improving rates of access to, participation in and quality of, university education for Aboriginal and Torres Strait Islander people. Providing cultural, personal and academic support to Indigenous students, the Oodgeroo Unit actively promotes cultural awareness amongst all students.

All Aboriginal and Torres Strait Islander students enrolled at QUT are welcome to use the Unit's facilities at Carseldine (C Block), Gardens Point (O Block Podium) and Kelvin Grove (B Block).

Further information can be obtained from:

Phone: 07 3864 3610  
Fax: 07 3864 3982  
Email: [bd.thomson@qut.edu.au](mailto:bd.thomson@qut.edu.au)  
Web: [www.qut.edu.au/daa/oodgeroo/](http://www.qut.edu.au/daa/oodgeroo/)

## Student Centre

Student Centres are the first point of contact for students seeking information on administrative, course or other student matters. A Student Centre is located on each QUT campus:

Carseldine	Level 3, C Block Hours: 9.00am-5.00pm
Gardens Point	Level 1, A Block Hours: 9.00am-5.30pm
Kelvin Grove	Level 4, K Block Hours: 9.00am-5.00pm

Student Centre staff assist students with enquiries regarding admission, academic credit, enrolment, fees, student ID cards, transport concessions and other student administration or general enquiries. Student Centres are also the place to obtain and lodge Student Services application forms and other general forms.

Hours will be extended in peak periods. Please refer to the Orientation Program for details.

## Marketing lounges

Marketing lounges have been conveniently placed in Student Centres at Gardens Point and Carseldine campuses. Electronic, self-help facilities allow prospective and current students to find course information and browse the QUT website. A wide range of course information brochures and booklets are also provided.

**Student Info-Line**

The Student Info-Line, a part of the Student Centre, is a phone service that assists students with student administration and other general student matters.

Phone 07 3864 2000

Monday to Friday, 8.00am-5.30pm

**Student Ombudsman**

Dr Neville Bofinger is your QUT Student Ombudsman, an independent officer of the University, fully supported by the Vice-Chancellor for the purpose of assisting you to resolve grievances, who has access to all levels of the University. The Student Ombudsman is available to discuss your concerns or grievances, particularly those associated with administrative or academic decisions that affect you, and to provide you with relevant advice or assistance. The Student Ombudsman can become involved in resolution processes through mediation, negotiation, conciliation or representation, as appropriate, and may also assist you by re-

ferring you to other sources of assistance, either internal to the QUT or external agencies. This is a free and confidential service.

If you have any issues concerning fair treatment by staff or other students, proper application of procedures or resolution of complaints, then you should not hesitate to contact the Student Ombudsman. The Student Ombudsman occupies Room A118 on Gardens Point campus, behind the Student Centre, but consultations can be arranged to be held on all campuses. Consultation is by prior appointment, which can be made by telephone or email.

Phone: 07 3864 2457

Fax: 07 3864 4472

Email: [ombudsman@qut.edu.au](mailto:ombudsman@qut.edu.au)

Web: [www.qut.edu.au/ombudsman/](http://www.qut.edu.au/ombudsman/)

Write to QUT Student Ombudsman

GPO Box 2434

Brisbane QLD 4001

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**QUT ALUMNI**

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When you graduate from QUT, you will become a member of the University's Alumni. QUT Alumni promotes friendly communication and cooperation among the University's graduates, students, faculty staff and close associates. Membership of QUT Alumni is free. All registered members of the Alumni receive regular news and information on services available to them. Graduates can also register to participate in elections for the QUT Alumni Board.

The Alumni Office at QUT provides services and programs for graduates to enhance professional development, promote lifelong learning and create opportunities for keeping in touch with other graduates and continuing involvement with the University. As a current student of QUT, you can benefit from the news, programs and services organised by QUT Alumni for the University community, including graduates and close associates.

The Alumni web site provides useful information about QUT Alumni and its sponsored activities. Visit the site to:

discover how to participate in the Mentor Scheme, which is an opportunity for current students to link with graduates for encouragement and support and to get a practical start to understanding the workplace;

explore QUT Links magazine on-line. QUT publishes this magazine twice a year for its Alumni, close associates and interested members of the University community including business and industry professionals. The magazine profiles successful graduates and provides information on what's happening in the lives of QUT Alumni members as well as what is happening at QUT;

- discover the latest news on Alumni events and other activities for graduates by checking out the events listing at QUT Events;
- find out all about QUT Today and the history of the University's origins;

- learn about the Outstanding Alumni Awards which recognise graduates who have performed exceptionally in their chosen career and who have made outstanding contributions to the community;
- keep in touch with QUT by updating your contact information and stay active in the life of the University;
- learn about the existing Alumni Chapters at QUT;
- discover the Friends of QUT Program which offers close associates of the University (particularly former staff) an opportunity to contribute meaningfully to the current and future activities of the University in a voluntary capacity; and
- find out about the services and facilities that the University has to offer its Alumni.
- find out about the Alumni Annual Appeal that supports University projects.

**Giving to QUT**

QUT is proud of the strong support it receives from the community.

Committed alumni, individuals, corporations and government bodies give generously to the university's teaching and research activities.

This ensures support for students through scholarships and prizes, an improved learning environment and world leading research that solves real world problems.

Donations to QUT are fully tax deductible. Bequests for general or specific purposes may also be made to the University.

For further information contact QUT Development (07) 3864 2950.

The QUT Cultural Precinct, located at the University's Gardens Point campus, is also situated on one of Queensland's most central and historically important sites. Adjacent to Brisbane's popular City Botanic Gardens and historic Old Government House, the Precinct encompasses the QUT Art Museum, one of Australia's most sophisticated contemporary art museums and the Gardens Theatre, with a 400 seat state-of-the-art theatre.

This world class facility for performing and visual arts was launched in July 2000. The Cultural Precinct provides the community with accessible venues to enjoy and nurture the talents of our artists, craftworkers, musicians and performers and hosts a broad-based education program through which participants gain valuable insights into their arts and cultural heritage

With the opening of the pedestrian and cycling Goodwill Bridge, the Cultural Precinct is at the very centre of a circuit of culture and recreation incorporating the South Bank precinct with its parklands and cultural centre, the city heart with its galleries and shopping, and Gardens Point itself with its Botanic Gardens, Riverstage, historic campus buildings, Parliament House and Old Government House.

In addition to the core activity of exhibitions and performances, the Cultural Precinct offers unique arts-based educational programs which provide practical ways for the Queensland University of Technology to extend the benefits of its knowledge, research and services to the wider Queensland community.

These programs have a practical emphasis and include hands-on sessions with curators, artists talks, activity booklets, guided tours and demonstrations.

The Cultural Precinct also offers a choice of stunning spaces for hire. QUT Art Museum provides an elegant and sophisticated space for cocktail parties whilst the Gardens Theatre provides a picturesque and spacious function area, within the glass walled foyer, overlooking the City Botanic Gardens.

#### **Location**

Main Drive  
QUT Gardens Point

#### **Information**

Phone: (07) 3864 2797  
Email: [culturalprecinct@qut.edu.au](mailto:culturalprecinct@qut.edu.au)  
Web site: [www.culturalprecinct.qut.edu.au](http://www.culturalprecinct.qut.edu.au)

### THE GARDENS THEATRE

The Gardens Theatre is a premium and versatile venue offering an annual program of student and professional productions.

Featuring a spacious foyer overlooking the City Botanic Gardens and an auditorium that seats 400, the Gardens Theatre provides an intimate performance space for both QUT Creative Industries' presentations as well as local and visiting drama, music and dance productions.

This state-of-the-art venue is located on the QUT Gardens Point campus at the heritage end of George Street in Brisbane's CBD. Acknowledged as one of the city's premier performing arts venues, the Gardens Theatre also features exceptional facilities for audiences including a licenced bar, palm tree atrium and disabled access.

The Gardens Theatre facilities and foyer area are available for hire (subject to availability) and a hire kit is available from the theatre manager.

#### **Location**

X Block, Main Drive  
QUT Gardens Point

#### **Box Office**

The Theatre box office is open Monday to Saturday (10am to 4pm) and one hour prior to all scheduled performances.

#### **Bookings & Show Information**

For advance bookings and information on current shows, phone GardensTix on 3864 4455.

#### **What's On**

Free program guides are available from the theatre box office or refer to program listings on the Cultural Precinct web site at [www.culturalprecinct.qut.edu.au](http://www.culturalprecinct.qut.edu.au).

#### **Information**

Phone: (07) 3864 9169  
Fax: (07) 3864 4462  
Email: [gardenstheatre@qut.edu.au](mailto:gardenstheatre@qut.edu.au)  
Web site: [www.culturalprecinct.qut.edu.au](http://www.culturalprecinct.qut.edu.au)

### QUT ART MUSEUM

QUT Art Museum is an important cultural facility for the city of Brisbane. The Museum plays a vital role in the educational and intellectual life of the University. It houses a significant art collection that has become a valuable cultural resource for the students and staff of the University, and for the wider community.

The collection is one of the largest in Queensland and contains holdings of great quality and diversity, mostly by Australian artists. It includes fine early paintings, choice ceramics and prints, important examples of indigenous art, and challenging contemporary works in a range of artforms.

As part of its exciting and dynamic program the Art Museum offers changing exhibitions drawn from the collection, touring exhibitions from other galleries and collections, and works from several creative academic disciplines within the University. The Museum's educational services are designed to complement and enhance the exhibitions program for the benefit and enjoyment of the public.

#### **Location**

Level 1, U Block, Main Drive  
QUT Gardens Point

#### **Museum Hours**

Tuesday to Friday: 10am – 4pm  
Saturday and Sunday: 12noon – 4pm  
Closed Mondays and Public Holidays

#### **Admission**

Entry to the museum is free.

#### **Information**

Phone: (07) 3864 5370  
Email: [artmuseum@qut.edu.au](mailto:artmuseum@qut.edu.au)  
Web site: [www.culturalprecinct.qut.edu.au](http://www.culturalprecinct.qut.edu.au)

The QUT Student Guild is a service organisation operated for the benefit of the student body. The Guild exists to make a student's time at University easier and more enjoyable. QUT staff and members of the public are also encouraged to join the Guild as associate members.

The QUT Student Guild is owned and operated by and for students.

The Guild is governed by Guild Council which consists of the Executive (President, General Secretary, Education Director, International Student Services Director, Women's Services Director, Welfare Services Director, Recreation Director, Indigenous Services Director, Queer Services Director, and three Campus Directors), campus representatives, and specialist representatives (for part-time and external students, Aboriginal and Torres Strait Islander students, queer students and postgraduate students).

Members of the Guild Council are elected at the annual general election and all students are eligible to stand for positions at the election. Students will also be able to nominate and vote for campus coordinator positions to help organise activities and services on campuses.

The Guild sends representatives to express students' views to many University committees, including the University Academic Board.

All QUT students are members of the Guild and their respective national union, NUS. Quite often access and equity to education can be affected by government policy. The Guild will often call on its members to attend rallies to stop regressive changes to the education system. The Guild fully supports a free public education system where everyone has equal access.

The QUT Student Guild also operates several commercial services across all campuses. These consist of the Guild Fitness Centres, Guild Bars, Guild Aquatic and Squash Centre, Guild Newsagency and Post Offices, the Guild Child-care Centres and Crèche, Academic Gown Hire and the Guild Second Hand Textbook Shop.

The Guild has a presence on the web which can be accessed at [www.guildonline.net](http://www.guildonline.net). All of the Guild's services are listed there along with an events page where students can find out what is happening on their campus and up to date accommodation and part-time employment listings.





# Student Rules, Policies and Procedures

## Student Rules, Policies and Procedures

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## INTRODUCTION

The QUT Student Rules published here were approved by QUT Council on 23 October 2002, following a major review. Detailed information about procedural aspects of these rules can be obtained by accessing relevant topics at Student Services web site or by contacting the Student Services Department.

For information on the University's admission policy and procedures, please refer to the various booklets available from QUT's Admissions Office.

**STUDENTS ARE WARNED THAT PENALTIES (INCLUDING FINES, SANCTIONS, WITHHOLDING RESULTS, EXCLUSION OR EXPULSION) MAY BE IMPOSED ON STUDENTS WHO CONTRAVENE THESE OR ANY OTHER QUT RULE OR POLICY, OR WHO FAIL TO MEET THEIR OBLIGATIONS (INCLUDING FAILING TO PAY PRESCRIBED FEES, LATE FEES OR FINES, OR FOR FAILING TO RETURN LIBRARY/FACULTY MATERIALS OR EQUIPMENT).**

These Student Rules are made pursuant to:

- QUT Statute No. 1 (Course of Study) 1999
- QUT Statute No. 2 (Student Discipline) 1999
- QUT Statute No. 3 (Fees) 1999

They should also be read in conjunction with:

- Schedule 1 to the QUT Act 1998, Conduct on University Land. This Schedule authorises certain University officers to direct disorderly persons or those creating disturbances to leave the University. A person failing to comply with such a direction may be fined
- Library Rules (pursuant to QUT Statutes 2 and 3, and to the relevant staff conditions and awards)
- Information Technology Rules (pursuant to QUT Statutes 2 and 3, and to the relevant staff conditions and awards)

## THE RULES

### PART 1 - PRELIMINARY

#### Division 1 - Interpretation

##### 1. Definitions

In these rules:

“assessment” means work (for example, an examination, assignment, practical, performance) which a student is required to complete for any one or more of the following purposes:

- (a) the fulfilment of an educational purpose (for example, to motivate learning, to provide feedback);
- (b) to provide a basis for a record of achievement or certification of competency;
- (c) to permit grading.

“award course” means a program of study leading to the award of a degree, diploma or certificate accredited by QUT.

“cancellation of enrolment” means that a student has discontinued an award course or a program of non-award studies.

“course coordinator” includes a staff member performing the functions of course coordinator specified by the director, QUT international college.

“course requirements” means the specific requirements for completing an award course approved by university academic board and includes the following:

- (a) the course structure;
- (b) any conditions for enrolment in or for completion of particular units required for the course;

- (c) any conditions for academic progression through the course;
- (d) any requirements for attendance type or mode of study.

“dean” means the dean of the faculty having responsibility for a unit or an award course and includes:

- (a) the director, QUT Carseldine, in the case of a unit or an award course for which the director is responsible; and
- (b) the director, QUT international college, in the case of a program of non-award studies for which the director is responsible.

“faculty academic board” means the body established by university academic board to manage academic policy and practices within the faculty or QUT Carseldine.

“non-award studies” means a unit or group of units which a student undertakes at the university other than as part of an award course of QUT.

“QUT” means the Queensland University of Technology.

“registrar” means the university's chief administrative officer.

“teaching period” means a designated period of weeks in which the program of study and instruction for a unit or award course is undertaken and includes:

- (a) two standard semesters of around 13 weeks duration; and
- (b) other periods during the year which are designated by the registrar as a teaching period.

“unit coordinator” includes a staff member performing the functions of unit coordinator specified by the director, QUT international college.

“university academic board” means the body established by council to provide leadership on academic policy and practices of QUT.

#### 2. Attendance type and mode

(1) A student's attendance type is normally designated as full-time if the enrolment program for the teaching period is:

- (a) in the case of a student enrolled in an award course, at least 75 per cent of the number of credit points for a standard enrolment program load for full-time enrolment in that course in a teaching period; or
- (b) in the case of a student undertaking non-award studies, at least 75 per cent of the number of credit points for a standard enrolment program load designated by the registrar for that purpose.

(2) If a student's enrolment program load is less than the amount specified in rule 2(1), the student's attendance type is normally designated as part-time.

(3) Addition or withdrawal of units in accordance with division 2 of part 3 of these rules may be deemed by the registrar to change a student's attendance type.

(4) For the purposes of these rules and for course requirements, a student's attendance mode is designated as:

- (a) internal, where instruction or supervision in all units in which the student is enrolled in a teaching period is delivered by attendance at a place designated by the registrar as a campus of the university; or
- (b) external, where instruction or supervision in all units in which the student is enrolled in a teaching period is delivered other than by attendance at a campus of the university (for example, by posting instructional materials to the student); or
- (c) multi-modal, where instruction in some, but not all units, is in internal mode.

#### Division 2 - Students' responsibilities under these rules

##### 3. Student responsibility for compliance with these rules and other requirements

(1) It is the student's responsibility to do all acts associated with admission, enrolment and academic progression in compliance with these rules, including, but not limited to:

- (a) providing information to the university under rule 7(2), including statistical information and a mailing address; and
- (b) re-enrolling at the university each year; and
- (c) submitting an appropriate enrolment program and rectifying any known discrepancies with the enrolment program.

(2) In the case of international students, the student must also comply with any requirements for enrolment or study at the university specified in the Educational Services for Overseas Students Act 2000 (Cwth), including, but not limited to:

- (a) any requirements relating to attendance type or mode; and
- (b) any conditions for enrolment programs and progress through an award course; and
- (c) any conditions relating to leave of absence.

## PART 2 - ADMISSION

### 4. Application for admission

- (1) A person must apply for admission to the university before first enrolling in an award course or non-award studies.
- (2) Except where specified by the registrar, a person must apply for admission before each teaching period in which they propose to enrol in non-award studies.
- (3) A person who seeks to re-enrol in an award course must apply for re-admission following:
  - (a) cancellation of enrolment in an award course or program of non-award studies; or
  - (b) an unapproved period of absence; or
  - (c) a period of exclusion from an award course imposed under part 6 of these rules.
- (4) The registrar must prescribe the dates for and the manner of applying for admission to the university.

### 5. Criteria for admission

- (1) University academic board may specify general requirements to be met by a person applying for admission to the university.
- (2) The faculty academic board having responsibility for an award course must specify minimum course entry requirements and may specify different requirements for different major areas of study within an award course.
- (3) The registrar determines the maximum number of persons to be offered admission to the university.

### 6. Offer of admission

- (1) The registrar makes offers of admission.
- (2) An offer of admission may be conditional upon the person providing documents or fulfilling other requirements specified in the offer.
- (3) The registrar may withdraw an offer of admission and reject enrolment where:
  - (a) the person fails to provide documents or to fulfil other requirements specified in the offer of admission; or
  - (b) the offer of admission has been made as a result of the provision of incomplete or inaccurate information by the person or a certifying authority; or
  - (c) the person fails to submit an enrolment program in accordance with the offer of admission by the specified date.

## PART 3 - ENROLMENT

### Division 1 - General requirements for enrolment

#### 7. Enrolment procedures

- (1) The registrar:
  - (a) must prescribe closing dates for submission of an enrolment program for each teaching period; and
  - (b) may prescribe different closing dates for different categories of students.
- (2) The registrar must prescribe the manner of submitting the enrolment program, and the information to be included with the enrolment program.
- (3) For each teaching period, the registrar must:
  - (a) publish the closing dates for addition or withdrawal of units in accordance with schedule 1; and
  - (b) specify the manner of submitting changes to the enrolment program.

#### 8. Valid enrolment

- (1) Subject to rule 8(2), enrolment in any teaching period means that the student has submitted an enrolment program for study, instruction or research at the university in that teaching period.
- (2) A student is validly enrolled upon:
  - (a) submission of an enrolment program for the teaching period by the specified date or such later time as permitted by the registrar; and
  - (b) acceptance of the enrolment program by the registrar<sup>1</sup>; and
  - (c) payment of fees and charges required under these rules by the specified date or such later time as permitted by the registrar; and
  - (d) fulfilment of any other requirements specified in these rules.
- (3) The registrar may reject a student's enrolment where the student has not met all of the requirements of rule 8(2).

### Division 2 - Enrolment programs

#### 9. Requirements for enrolment programs

- (1) A student's enrolment program must comply with the general requirements specified in this division.
- (2) In the case of a student enrolled in an award course, the student's enrolment program must also comply with the course requirements.

#### 10. Addition of a unit to enrolment program

Subject to the requirements of this division, a student may add a unit to their enrolment program in a teaching period if:

- (a) the unit is added by the addition date published in accordance with schedule 1; or
- (b) where the student proposes to add the unit after the addition date published in accordance with schedule 1:
  - (i) the student pays the administrative charge specified in schedule 2; and
  - (ii) the unit coordinator agrees to the addition of the unit; and
  - (iii) the registrar is satisfied that the student has demonstrated that exceptional circumstances for addition of the unit exist.

#### 11. Withdrawal from a unit

- (1) Subject to the requirements of this division, a student may withdraw from enrolment in a unit:
  - (a) by the withdrawal date published by the registrar in accordance with schedule 1 - without academic penalty; or
  - (b) after the withdrawal date published by the registrar in accordance with schedule 1 - with academic penalty.

(2) Despite rule 11(1)(b), the registrar may permit withdrawal without academic penalty if, following advice from the dean, the registrar is satisfied that the student has demonstrated that exceptional circumstances for withdrawal from the unit exist.

(3) In this section, “academic penalty” means that the unit in question is awarded a failing grade.

### **12. Relationship between units of study**

(1) Course requirements may specify any of the following conditions for enrolment in a specified unit:

- (a) a student must have achieved a passing grade in a prerequisite unit before enrolment in the specified unit;
- (b) a student may enrol in the specified unit only if:
  - (i) the student also enrolls in a corequisite unit at the same time; or
  - (ii) the student has previously achieved a passing grade in the corequisite unit;
- (c) a student must not enrol in the specified unit if the student has achieved a passing grade in an incompatible unit.

(2) A unit coordinator may permit a student to enrol in a specified unit without having satisfied the condition listed in rules 12(1)(a) or 12(1)(b) if the unit coordinator is satisfied that the student has demonstrated sufficient knowledge to undertake the unit.

(3) In this section, an “incompatible unit” means a unit in which the subject matter or the body of learning is substantially similar to that included in the specified unit.

### **13. Maximum and minimum enrolment program load**

Course requirements may specify either or both of the following:

- (a) the maximum number of credit points for full-time enrolment;
- (b) the minimum number of credit points for part-time enrolment.

### **14. Time limits for completion of an award course**

University academic board must specify time limits for completion of an award course, and may impose different time limits for different categories of courses.

### **15. Acceptance of enrolment program**

The registrar may not accept a student’s enrolment program in any of the following circumstances:

- (a) the student has not enrolled in accordance with their offer of admission, including, where specified, major area of study, attendance type, attendance mode and location of study;
- (b) if the student is enrolled in an award course, the student has not submitted an enrolment program which is consistent with course requirements;
- (c) except where permitted by the course or unit coordinator, as the case may be, the student has not complied with the requirements of division 2 of part 3 of these rules;
- (d) if the student is enrolled in an award course, the student has not met the requirements of part 6 of these rules;
- (e) the student is subject to a penalty imposed under rule 29 or Statute No 2 (Student Discipline) 1999 which prohibits their enrolment in the current teaching period;
- (f) the student is in breach of any other statute or rule of the university which specifies rejection or suspension of enrolment as a penalty.

### **16. Amendment of enrolment program**

The registrar may amend an enrolment program, after consultation with the course coordinator, if any of the following conditions exist:

- (a) the student has not complied with the requirements of rule 13;
- (b) the student has not complied with other course requirements;
- (c) the student cannot attend classes or meet other unit require-

ments due to timetable incompatibility;

(d) the student has not complied with any conditions of probationary enrolment imposed under part 6 of these rules.

### **Division 3 - Credit**

#### **17. Credit for previous studies**

- (1) University academic board may specify the amount and type of credit for previous studies which may be granted in award courses, and may specify different amounts of credit for different categories of award courses or students.
- (2) The registrar must specify the procedures to be followed, and the documentation to be supplied, by students applying for credit.
- (3) The course coordinator must determine the amount and type of credit to be granted in accordance with university academic board determinations.

### **Division 4 - Discontinuation or interruption of enrolment**

#### **18. Approval of leave of absence**

- (1) A student may apply to the registrar for leave of absence from an award course.
- (2) The registrar may approve leave of absence if:
  - (a) the student is enrolled in an undergraduate award course; and
  - (b) the student is applying for leave of absence for a period of no more than one year; and
  - (c) the student has completed at least one teaching period of enrolment in the award course; and
  - (d) the student has not previously applied for leave of absence from the award course.
- (3) If the student has not completed at least one teaching period of enrolment in the award course, but has otherwise satisfied the requirements of rule 18(2), leave of absence may be approved if the registrar is satisfied that the student has demonstrated exceptional circumstances for taking the leave.
- (4) The dean must determine the application for leave of absence in any of the following circumstances:
  - (a) the student seeks leave for a period in excess of one year;
  - (b) the student is undertaking a postgraduate award course;
  - (c) the student has had a prior approved leave of absence from the same award course.
- (5) The dean may approve the application for leave of absence only if the dean is satisfied that the student has demonstrated exceptional circumstances for taking the leave.
- (6) A student who is granted leave of absence:
  - (a) is deemed to have withdrawn from enrolment in all units in accordance with rule 11; and
  - (b) is not an enrolled student of the university for the approved period of absence.
- (7) A student must apply for re-admission to the award course if:
  - (a) the student does not apply for leave of absence before withdrawing from enrolment in all units in a teaching period; or
  - (b) the student fails to re-enrol at the conclusion of an approved leave of absence.
- (8) For international students, this rule is subject to any requirements or conditions for leave of absence specified in the Educational Services for Overseas Students Act 2000 (Cwth) .

#### **19. Cancellation of enrolment**

- (1) A student must notify the registrar if they wish to cancel their enrolment in an award course or non-award studies.

(2) A student who cancels their enrolment is deemed to have withdrawn from enrolment in all units in their enrolment program in accordance with rule 11.

<sup>1</sup> See rule 15

## PART 4 - FEES AND CHARGES

### 20. Definitions for this part

In this part:

“HECS” means the higher education contribution scheme.

“HEF Act” means the Higher Education Funding Act 1988 (Cwth) as amended from time to time.

“higher education contribution” means a fee being the contribution for the teaching period in question calculated in accordance with the HEF Act.

### 21. Imposition of fees and charges

(1) Except as specified under the HEF Act, the university may impose fees and charges for enrolment and study at the university, or for services and facilities associated with enrolment and study, and may impose different fees and charges for different categories of students.

(2) The officer or body listed in schedule 2 sets the fees and charges.

(3) For each teaching period, the registrar must prescribe the dates for payment of fees.

(4) A student must pay the fees specified in these rules by the prescribed dates.

(5) A student is not validly enrolled <sup>2</sup> unless all fees and charges specified in these rules have been paid, including any additional higher education contribution or tuition fee required to be paid as a result of addition of a unit to a student’s enrolment program in accordance with rule 10.

### 22. Student guild fee

(1) Subject to rule 22(4), a student must pay the student guild fee specified in schedule 2.

(2) In the case of a student who is not enrolled in a full-time program over the academic year, the registrar will determine the pro-rata amount of the student guild fee to be paid.

(3) Upon payment of the student guild fee and acceptance of the enrolment program in each teaching period, a student is a member of the student guild.

(4) A student who has a conscientious objection to being a member of the student guild is exempt from membership if the student:

- (a) advises the registrar in writing of the objection; and
- (b) pays to the university an amount equivalent to the student guild fee.

### 23. Liability under the higher education contribution scheme

(1) Except as specified in the HEF Act, a student who enrolls in any teaching period in a unit or units for an award course is liable for a higher education contribution.

(2) A student who is liable for a higher education contribution must submit a payment options declaration specifying the method for payment of the contribution in any of the following circumstances:

- (a) when the student first enrolls at the university;
- (b) when the student changes to another award course;
- (c) if the student elects to pay the contribution by another method.

(3) For each teaching period, the registrar must prescribe the date for submission of the payment options declaration.

(4) Except as specified in the HEF Act, a student may discharge a liability for a higher education contribution by:

- (a) paying the required amount directly to the university by the date specified by the registrar; or
- (b) supplying a tax file number to the university; or
- (c) a combination of (a) and (b).

### 24. Tuition fee

(1) This rule applies to students who are not liable to pay a higher education contribution for a teaching period or a unit.

(2) A student (other than an international student or a student deemed by the registrar to be liable to pay a higher education contribution) who enrolls in a unit or units for a postgraduate award course must pay the postgraduate tuition fee specified in schedule 2.

(3) A visiting student (other than a visiting international student) who enrolls in a unit or units must pay the tuition fee specified in schedule 2, except that the dean may specify a different fee for students undertaking a designated enrolment program.

(4) An international student must pay to the university, for each teaching period, the international student tuition fee specified in the offer of admission.

(5) Where the HEF Act specifies, a student who is normally liable to pay a higher education contribution may be required to pay the tuition fee specified in schedule 2 for enrolment in a particular teaching period or unit.

(6) For this rule, a “visiting student” means a student who enrolls in non-award studies, but does not include a cross-institutional HECS-liable student who enrolls in a unit or units at QUT to obtain credit towards an award course at another Australian university.

### 25. Administrative charges

(1) A student or a person applying for admission must pay the relevant administrative charge prior to taking the action or requesting the service listed in schedule 2.

(2) If the administrative charge has not been paid, the student’s action or request for the service has no effect.

### 26. Cancellation charges and refunds

(1) The university may retain a proportion of fees paid by a student as a charge for cancellation of enrolment, and may impose different cancellation charges for different categories of students.

(2) Schedule 2 specifies the amount which will be retained by the university where a student cancels their enrolment in a unit or units.

(3) A student who withdraws from enrolment in a unit or units must apply by the date specified by the registrar for a refund of fees paid to the university.

### 27. Consequences of non-payment of fees and charges

If a student does not pay the full amount of fees and charges required by the university by the required date, the registrar may do either or both of the following:

- (a) reject the student’s enrolment in accordance with rule 8;
- (b) require the student to pay an administrative charge specified in schedule 2.

<sup>2</sup> See rule 8.

## PART 5 - ASSESSMENT

**Division 1 - General requirements for assessment****28. Notice of assessment requirements**

A student who is enrolled in a unit must receive notification of assessment requirements in the manner and by the time prescribed by university academic board.

**29. Academic dishonesty**

- (1) A student must not act in a manner which constitutes academic dishonesty.
- (2) Academic dishonesty means an action or practice which may compromise or defeat the purposes of assessment, and includes, but is not limited to:
  - (a) cheating, or attempting to cheat;
  - (b) plagiarism;
  - (c) misrepresenting or fabricating data or results or other assessable work;
  - (d) breaching requirements specified by university academic board under rule 32 for conduct during examinations, in a way that may compromise or defeat the purposes of the assessment.
- (3) University academic board may prescribe procedures for investigating allegations of academic dishonesty.
- (4) The penalties for academic dishonesty are:
  - (a) mark reduction or zero mark for an assessment item; or
  - (b) awarding of a failing grade in the unit in which academic dishonesty is detected; or
  - (c) awarding of a failing grade in the unit in which academic dishonesty is detected and in another unit or all other units undertaken in that teaching period; or
  - (d) suspension from the university for a specified period of time, together with the allocation of failing grades specified in rule 29(4)(c); or
  - (e) permanent expulsion from the University, together with the allocation of failing grades specified in rule 29(4)(c).
- (5) The dean may impose the penalties listed in rule 29(4)(a) and 29(4)(b).
- (6) The registrar may impose any of the penalties listed in rule 29(4).

**Division 2 - Examinations****30. Availability for examinations**

- (1) A student must be available to undertake an examination:
  - (a) at the time and place specified for the examination in the central examination period; and
  - (b) at any other time specified for an examination in the notification of assessment requirements.
- (2) The registrar publishes an examination timetable for each central examination period.
- (3) In this rule, "central examination period" means a period of at least 2 weeks at the end of each semester or other teaching period designated for conducting examinations.

**31. Alternative examination sittings**

A student who holds religious convictions which preclude attendance at an examination at the time specified in the published examination timetable, may apply in the manner prescribed by the registrar for an alternative examination sitting.

**32. Conduct during examinations**

University academic board must specify procedures for examinations, including:

- (a) requirements for a student entering or leaving the examination room; and
- (b) requirements for a student's conduct during the examination.

**33. Deferred examinations**

- (1) A student who, due to exceptional circumstances beyond the student's control, is unable to attend an examination at the prescribed time may apply in the manner prescribed by the registrar for a deferred examination.
- (2) The dean determines the outcome of an application for a deferred examination.

**Division 3 - Final grades****34. Grading scale**

University academic board must specify the grading scale to be used in allocating a record of achievement for studies at the university.

**35. Allocation and notification of grades**

- (1) The dean approves a student's final grade for a unit.
- (2) A student will be notified of their grades in the manner determined by the registrar.

**36. Special consideration**

- (1) A student who believes that their performance in completing an assessment item has been adversely affected by exceptional circumstances may apply for special consideration in the manner prescribed by the registrar.
- (2) The head of school determines whether the application for special consideration should be granted.
- (3) The faculty academic board may specify the manner in which special consideration is to be applied to an assessment item.
- (4) The unit coordinator determines whether additional marks for the assessment item should be granted, and must do so in accordance with any faculty academic board determinations made in accordance with rule 36(3).
- (5) In this rule:
 

"head of school" means the head of the school in which instruction in a unit is given, or in the case of QUT international college, the director of studies.

"faculty academic board" includes the QUT international college advisory board with respect to a program of non-award studies offered by the college.

**37. Supplementary assessment**

Supplementary assessment may be granted to a student only in the circumstances prescribed by university academic board.

**PART 6 - UNSATISFACTORY ACADEMIC PERFORMANCE****38. Requirement to perform satisfactorily in course**

A student undertaking an award course must maintain a satisfactory level of academic performance in accordance with this part.

**39. Probationary enrolment**

- (1) The registrar must place a student undertaking an award course on probationary enrolment if the student:
  - (a) achieves a grade point average of less than 3.0 for units which the student has undertaken towards the award course; or
  - (b) is awarded a failing grade in a unit which the student has previously failed.

(2) The registrar determines the students to be placed on probationary enrolment at the end of each academic year.

(3) The registrar must notify a student in writing of the decision to place the student on probationary enrolment.

#### **40. Conditions of probationary enrolment**

(1) A student is placed on probationary enrolment for 12 months.

(2) While on probationary enrolment, a student must:

- (a) consult the course coordinator about their enrolment program; and
- (b) if the course coordinator specifies an enrolment program, submit the enrolment program as specified.

(3) If a student on probationary enrolment cancels their enrolment in the course but is subsequently re-admitted by the registrar to the same award course in accordance with part 2 of these rules, the registrar, upon re-admission:

- (a) must place the student on probationary enrolment for the remainder of the academic year; and
- (b) may require the student to submit an enrolment program specified by the course coordinator.

#### **41. Exclusion from enrolment in an award course**

(1) A student is an “eligible student” for the purposes of exclusion if:

- (a) the student has previously been placed or is currently on probationary enrolment and qualifies for a further period of probationary enrolment on the basis of rule 39; or
- (b) the student is awarded a failing grade in a designated unit; or
- (c) having been readmitted to the award course following a period of exclusion, the student achieves a grade point average of less than 3.5 for units in which the student has enrolled in the academic year following readmission; or
- (d) the student has exceeded the maximum time limit for the award course imposed in accordance with rule 14.

(2) At the end of each year, the faculty academic board responsible for the award course may exclude an eligible student from enrolment in that course.

(3) If the faculty academic board does not exclude an eligible student, the registrar may place the eligible student on probationary enrolment in accordance with this part.

(4) The registrar must notify a student in writing of the decision to exclude the student from enrolment in the award course.

(5) University academic board must specify the circumstances in which the registrar may exclude an eligible student from enrolment in other award courses at the university.

(6) In this rule, “designated unit” means a unit which a faculty academic board requires a student to complete with a passing grade in order to continue in the award course.

#### **42. Consequences of exclusion**

(1) If exclusion is imposed on a student under rule 41, the student is excluded from an award course indefinitely, unless permitted to re-enrol in accordance with rule 43.

(2) A student who is excluded from an award course is not permitted to enrol in any units forming part of that award course.

#### **43. Enrolment following exclusion**

(1) An excluded student may re-enrol in a unit or units as part of the award course if:

- (a) the student successfully appeals against exclusion; or
- (b) the student, following exclusion for at least 12 months, is re-admitted to an award course by the registrar.

(2) Where a student re-enrols in the award course in accordance with rule 43(1), the registrar must place the student on probationary enrolment for the balance of the academic year.

### **PART 7 - ELIGIBILITY TO GRADUATE**

#### **44. Minimum passing grades for graduation**

For the purpose of determining a student’s eligibility to graduate from an award course, a faculty academic board may designate the maximum number of units for which the student can be awarded a minimum passing grade.

#### **45. Eligibility to graduate from an award course**

(1) Subject to rule 44, a student is eligible to graduate from an award course upon completion of all course requirements.

(2) Faculty academic board determines whether a student has completed all course requirements.

(3) University academic board confers the award on a student who is eligible to graduate.

### **PART 8 - REVIEW AND APPEALS**

#### **46. Review of grades and academic rulings**

(1) University academic board must prescribe procedures for dealing with applications for review of grades and academic rulings.

(2) A student may apply for a review of:

- (a) their grade for a unit; or
- (b) other academic rulings made under these rules.

#### **47. Appeal to university academic board**

(1) A person who has been refused admission to the university may appeal to university academic board.

(2) A student may appeal to university academic board if:

- (a) the student has been excluded from an award course under rule 41; or
- (b) the student has been penalised by the dean or the registrar under rule 29.

#### **48. Status pending outcome of review or appeal**

Pending the outcome of a review or appeal, the registrar may permit a student to attend classes or undertake examinations.

### **PART 9 - MISCELLANEOUS**

#### **49. Research higher degree students**

(1) For students undertaking the doctor of philosophy degree, university academic board must specify general requirements for:

- (a) admission as a candidate for the degree; and
- (b) enrolment and progression as a candidate; and
- (c) submission and examination of the thesis.

(2) For students undertaking another research higher degree, faculty academic board must specify course requirements.

#### **50. Delegation of powers and functions<sup>3</sup>**

(1) Where these rules specify that a particular person or body exercises a power or function, that person or body may delegate the power or function to another person or body.

(2) Despite rule 50(1), a course coordinator or a unit coordinator may not delegate a function or power to another person.

<sup>3</sup> See section 27A of the Acts Interpretation Act 1954 .

SCHEDULE 1 - UNIT ADDITION AND WITHDRAWAL DATES

Teaching Period	Last day to add units	Last day to withdraw from units without academic penalty
Semester 1 (SEM-1) Semester 2 (SEM-2) Summer Program (SUM)	Close of business, Friday, 2nd week of teaching period	No academic penalty if withdrawal prior to close of business, Friday, 9th week of teaching period. 'Withdrawn-Failure' recorded if cancellation after close of business, Friday, 9th week of teaching period.
13 Week Teaching Period (13TP1-3)	Close of business, Friday, 2nd week of teaching period	No academic penalty if withdrawal prior to close of business, Friday, 9th week of teaching period. 'Withdrawn-Failure' recorded if cancellation after close of business, Friday, 9th week of teaching period.
12 Week Teaching Period (12TP1-3)	Close of business, Friday, 2nd week of teaching period	No academic penalty if withdrawal prior to close of business, Friday, 8th week of teaching period. 'Withdrawn-Failure' recorded if cancellation after close of business, Friday, 8th week of teaching period.
6 Week Teaching Period (6TP1-6) Summer Program 1 (SUM-1) Summer Program 2 (SUM-2)	1st day of teaching period	No academic penalty if withdrawal prior to close of business, Friday, 4th week of teaching period. 'Withdrawn-Failure' recorded if cancellation after close of business, Friday, 4th week of teaching period.
5 Week Teaching Period (5TP1-9)	1st day of teaching period	No academic penalty if withdrawal prior to close of business, Friday, 3rd week of teaching period. 'Withdrawn-Failure' recorded if cancellation after close of business, Friday, 3rd week of teaching period.
Non-standard intensive teaching periods (< or = 2 weeks in length) where unit enrolment is either in Semester 1 or Semester 2 teaching periods	1st day of teaching period	No academic penalty if withdrawal prior to commencement of teaching. 'Withdrawn-Failure' recorded if cancellation after commencement of teaching.
Non-standard intensive teaching periods (> 2 weeks but < 6 weeks in length) where unit enrolment is either in Semester 1 or Semester 2 teaching periods	1st day of teaching period	No academic penalty if withdrawal prior to close of business, Friday, 2nd week of teaching period. 'Withdrawn-Failure' recorded if cancellation after close of business, Friday, 2nd week of teaching period.

SCHEDULE 2 - FEES AND CHARGES (TABLE A - B)

TABLE A - HIGHER EDUCATION CONTRIBUTION SCHEME

These fees are set in accordance with rule 23, QUT Student Rules by the authority of the Higher Education Funding Act 1988.

HECS Band Rates	2002	2003
Band 1: Arts, Education, Humanities, Justice, Legal Studies, Nursing, Social Studies/Behavioural Science, Visual/Performing Arts	\$3598	\$3680
Band 2: Administration, Built Environment/Architecture, Business, Computing/Economics, Engineering, Mathematics, other Health Sciences (such as Optometry or Podiatry), Sciences	\$5125	\$5242
Band 3: Dental Services, Law, Medical Science	\$5999	\$6136
Non-differential (pre 1997)		\$2764

TABLE B - DOMESTIC POSTGRADUATE TUITION FEES

These fees are set in accordance with rule 24(2), QUT Student Rules by the authority of the Vice-Chancellor.

		Fee per credit point	
Course code	Course Title	2002	2003
BUILT ENVIRONMENT AND ENGINEERING			
AR65	Graduate Certificate in Building Fire Safety	\$85	\$85
AR66	Graduate Certificate in Built Environment (Healthy Buildings)	\$80	\$80
CE62	Graduate Certificate in Civil Engineering	\$90	\$95
CE64	Graduate Diploma in Civil Engineering	-	\$95
CE74	Master of Engineering (Civil)	-	\$95
CE75	Master of Engineering Science (Civil Engineering Studies)	\$95	\$95
CN64	Graduate Diploma in Project Management	\$95	\$95
CN75	Master of Facilities Management	\$95	-
CN77	Master of Project Management	\$95	\$95



SCHEDULE 2 - FEES AND CHARGES (TABLE B)

CN81	Graduate Certificate in Project Management	\$95	95
CN89^	Doctor of Project Management (subject to approval)	-	\$12,200/yr
CN90	Graduate Certificate in Property Economics	\$95	\$95
CN91	Graduate Diploma in Property Economics	\$95	\$95
CN92	Master of Property Economics	\$95	\$95
DB60	Graduate Certificate in Designed Environments for Ageing	\$100	\$100
DB69	Graduate Diploma in Urban Design	-	\$85
DB73	Master of Built Environment (Urban Design)	-	\$85
EE60	Graduate Diploma in Electricity Supply Engineering	\$150+	\$150
EE61	Graduate Certificate in Computer and Communications Engineering	-	\$95
EE67	Graduate Diploma in Computer and Communications Engineering	-	\$95
EE74	Master of Engineering Science (Computer and Communications Engineering)	-	\$95
EE77	Master of Engineering Science (Electrical Engineering Studies)	-	\$95
EE78	Master of Engineering Science in Electricity Supply Engineering +additional charges may apply for short course/distance education units	\$150+	\$150+
EE82	Graduate Certificate in Electricity Supply Engineering +additional charges may apply for short course/distance education units	\$150+	\$150+
ME75	Graduate Certificate in Engineering Management	\$95	\$95
ME76	Master of Engineering Management	\$95	\$95
ME80	Master of Engineering Science (Mechanical Engineering Studies)	\$95	\$95
PS73	Graduate Certificate in Geomatics	\$90	\$90
PS74	Graduate Diploma in Geomatics	\$90	\$90
PS75	Graduate Certificate in Landscape Techniques	\$80	\$80
PS76	Graduate Certificate in Landscape Design	\$80	\$80
PS77	Graduate Certificate in Advanced Landscape Techniques	\$80	\$80
PS78	Graduate Diploma in Geographic Information Systems	\$90	\$90
PS79	Graduate Certificate in Geographic Information Systems	\$90	\$90
PS82	Graduate Certificate in Planning	\$80	\$80
<b>BUSINESS</b>			
BS30	Graduate Certificate in Management (commenced pre 2000)	\$120	\$130
BS39	Graduate Certificate in Business	\$80	\$85
BS70	Graduate Diploma in Advanced Accounting	\$80	\$85
BS72	Graduate Diploma in Communication	\$80	\$85
BS81	Master of Business Administration	\$65	\$75
BS88	Master of Business Administration (Communication Studies)	\$80	\$85
BS89	Master of Business (Professional Accounting)	\$80	\$85
BS91	Master of Business Administration/Master of Applied Finance	\$140	\$150
BS93	Master of Business	\$80	\$85
BS94	Master of Commerce	\$80	\$85
BS96	Graduate Diploma in Applied Finance	\$80	\$85
BS97	Master of Business Administration/Master of Applied Finance (commencing 2003)	-	\$187.50
BS98	Master of Applied Finance	\$80	\$85
BS99	Master of Business Administration/Master of Applied Finance	\$160	\$170
GS10	Master of Business Administration (commencing 2001)	\$140	\$150
GS11	Graduate Diploma in Business Administration (commencing 2001)	\$140	\$150
GS12	Graduate Certificate in Business Administration (commenced 2001)	\$140	\$150
GS13	Graduate Certificate in Management (commencing 2001)	\$140	\$150
GS20	Master of Business Administration (commencing 2002)	\$160	\$170
GS21	Graduate Diploma in Business Administration (commencing 2002)	\$160	\$170
GS22	Graduate Certificate in Business Administration (commenced 2002)	\$160	\$170
GS23	Graduate Certificate in Management (commencing 2002)	\$160	\$170
GS24	International MBA (commencing 2002)	\$160	\$170
GS25	Master of Innovation & Entrepreneurship	\$160	\$187.50

SCHEDULE 2 - FEES AND CHARGES (TABLE B)

GS26	Graduate Certificate in Management	\$140	\$150
GS29^	Master of Entrepreneurship/Master of Business Administration (commencing 2003)	-	\$187.50
GS30	Master of Business Administration (commencing 2003)	-	\$187.50
GS31	Graduate Diploma in Business Administration (commencing 2003)	-	\$187.50
GS32	Graduate Certificate in Business Administration	-	\$187.50
GS33	Graduate Certificate in Management (commencing 2003)	-	\$187.50
GS34	International MBA (commencing 2003)	-	\$187.50
GS35^	Graduate Certificate in Entrepreneurship and Innovation (commencing 2003)	-	\$187.50
GS36^	Graduate Diploma in Entrepreneurship and Innovation (commencing 2003)	-	\$187.50
GS37^	Master of Entrepreneurship and Innovation (commencing 2003) - course to be approved	-	\$187.50
GS38	Master of Business Administration (major) (commencing 2003)	-	\$187.50
GS70	Graduate Diploma in Business Administration (admission only via articulations)	\$120	\$130
GS80	MBA (International)	\$120	\$130
GS81	MBA (Professional)	\$120	\$130
GS82	MBA (New Venture Management)	\$120	\$130
GS85	Master of Business Administration (commencing pre-2000)	\$120	\$130
GS86	Graduate Diploma in Business Administration (commenced pre-2000)	\$120	\$130
GS87	Graduate Certificate in Business Administration (commenced pre 2000)	\$120	\$130
GS90	Master of Business Administration (commenced 2000)	\$140	\$150
GS91	Graduate Diploma in Business Administration (commenced 2000)	\$140	\$150
GS92	Graduate Certificate in Business Administration (commenced 2000)	\$140	\$150
GS93	Graduate Certificate in Management (commenced 2000)	\$140	\$150
GS94	Executive Master of Business Administration	\$140	\$150
GS95	Executive Master of Business Administration (commencing 2002)	\$160	\$170
GS96	Master of Business Administration (major) (commencing 2002)	\$160	\$170
GS98	Executive Master of Business Administration (commencing 2003)	-	\$187.50
TBA	Master of International Business (not yet approved)	-	\$85
CREATIVE INDUSTRIES			
KC35	Graduate Certificate in Digital Media	\$70	\$70 4
KC36	Graduate Diploma in Digital Media	\$70	\$70 3
KC42	Master of Digital Media	\$70	\$70 2
KD35	Graduate Certificate in Dance Instruction	\$75	\$75
KD36	Graduate Diploma in Creative Industries (Dance Teaching)	\$75	\$75
KD42^	Master of Creative Industries (Dance Teaching)	-	\$75
KI35^	Graduate Certificate in Creative Industries (Communication Design)	-	\$90
KI36^	Graduate Diploma in Creative Industries (Communication Design)	-	\$90
KI42	Master of Communication Design	\$100	\$100 1
KI43^	Master of Creative Industries (Communication Design)	-	\$90
KJ35	Graduate Certificate in Journalism	\$75	\$75
KJ36	Graduate Diploma in Journalism	\$75	\$75
KM35	Graduate Certificate in Music	\$75	\$80
KM36	Graduate Diploma in Music	\$75	\$80
KM42	Master of Music	\$75	\$80
KP35	Graduate Certificate in Film & Television	\$75	\$75
KP36	Graduate Diploma in Film & Television	\$75	\$75
KT35^	Graduate Certificate in Creative Industries (Drama Teaching)	-	\$75
KT36^	Graduate Diploma in Creative Industries (Drama Teaching)	-	\$75
KT42^	Master of Creative Industries (Drama Teaching)	-	\$75
KW35	Graduate Certificate in Creative Industries (Creative Writing)	\$65	\$70
KW36^	Graduate Diploma in Creative Industries (Creative Writing)	-	\$70
KW37^	Graduate Certificate in Creative Industries (Publishing and Editing)	-	\$70

SCHEDULE 2 - FEES AND CHARGES (TABLE B)

1 - Not available for new admissions from 2003. Course being discontinued and replaced by KI43			
2 - Not available for new admissions from 2003. Course being discontinued and replaced by KI43			
3 - Not available for new admissions from 2003. Course being discontinued and replaced by KI36			
4 - Not available for new admissions from 2003. Course being discontinued and replaced by KI35			
<b>EDUCATION</b>			
ED13*	Master of Education	\$70	\$70
ED14	Master of Education (TESOL)	\$70	\$70
ED16	Master of Education	\$70	\$70
ED20*	Graduate Diploma in Education (Early Childhood)	\$70	\$70
ED21*	Graduate Diploma in Educaiton (Computer Education)	\$70	\$70
ED23*	Graduate Diploma in Education (Educational Management) - Not offered for new enrolments	\$70	\$70
ED25*	Graduate Diploma in Education (Teacher-Librarianship)	\$70	\$70
ED28*	Graduate Diploma in Education (Learning Support)	\$70	\$70
ED61	Graduate Certificate in Education (Generic)	\$70	\$70
ED77	Graduate Certificate in Education (TESOL)	\$70	\$70
<b>HEALTH</b>			
HL38	Graduate Certificate in Health Science	\$70	\$70
HL68*	Graduate Diploma in Health Science	\$70	\$70
HL88*	Master of Health Science	\$70	\$70
HM30	Graduate Certificate in Human Movement Studies (Professional Studies)	\$70	\$70
HM34	Graduate Certificate in Rugby Studies	\$70	\$70
HM38	Graduate Certificate in Sports Studies	\$70	\$70
NS30	Graduate Certificate in Intensive Care Nursing	\$70	\$70
NS31	Graduate Certificate in Cancer Nursing	\$70	\$70
NS32	Graduate Certificate in Nursing	\$70	\$70
NS33	Graduate Certificate in Medical/Surgical Nursing	\$70	\$70
NS34	Graduate Certificate in Community Practice	\$70	\$70
NS35	Graduate Certificate in Paediatric, Child and Youth Health Nursing	\$70	\$70
NS36	Graduate Certificate in Women's Health	\$70	\$70
NS39	Graduate Certificate in Aged Care	\$70	\$70
NS41	Graduate Certificate in Emergency Nursing	\$70	\$70
NS64*	Graduate Diploma in Nursing	\$70	\$70
NS68	Graduate Diploma in Midwifery	\$70	\$70
NS85*	Master of Nursing	\$70	\$70
PU30*	Graduate Certificate in Public Health - subject to approval & fee to be confirmed	\$70	\$70
PU32	Graduate Certificate in Environmental Health	\$70	\$70
PU38	Graduate Certificate in Health Services Management	\$70	\$70
PU39	Graduate Certificate in Health Promotion	\$70	\$70
PU65*	Graduate Diploma in Occupational Health & Safety	\$70	\$70
PY08	Graduate Diploma in Psychology (Bridging)	\$65	\$70
PY12	Master of Counselling	\$65	\$70
PY17	Master of Counselling Psychology	\$70	\$70
PY20	Post Graduate Diploma in Psychology	\$65	\$70
PY30	Graduate Diploma in Clinical Hypnosis	\$70	\$70
PY32	Graduate Certificate in Clinical Hypnosis Practice	\$70	\$70
PY40	Graduate Certificate in Road Safety	\$70	\$70
PY41	Graduate Diploma in Road Safety	\$70	\$70
<b>HUMANITIES AND HUMAN SERVICES</b>			
HH30	Graduate Certificate in Human Services	\$65	\$75
HH31	Graduate Diploma in Social Science	\$65	\$75
HH32	Master of Social Science (Human Services)	\$65	\$75

SCHEDULE 2 - FEES AND CHARGES (TABLE B)

INFORMATION TECHNOLOGY			
IT18	Graduate Certificate in Information Technology	\$100	\$100
IT25	Graduate Diploma in Library and Information Studies	\$80	\$80
IT35	Graduate Diploma in Information Technology	\$80	\$80
IT38	Graduate Diploma in Information Technology	\$80	\$80
IT40	Master of Information Technology	\$80	\$80
IT45	Master of Information Technology	\$80	\$80
IT50	Master of Information Technology (Professional)	\$100	\$100
IT91	Graduate Certificate in Information Technology (Software Engineering)	\$100	\$100
IT92	Graduate Certificate in Information Technology (Information Security)	\$100	\$100
IT93	Graduate Certificate in Information Technology (Enterprise Wide Software)	\$100	\$100
IT95	Graduate Certificate in Information Technology (Project)	\$100	\$100
IT97	Graduate Certificate in Information Technology (Generic)	\$100	\$100
LAW			
JS25	Graduate Certificate in Justice Studies [under revision, docn Sept 2002]	\$85	\$85
JS26^	Graduate Certificate in Critical Criminology	\$85	\$85
JS27	Graduate Certificate in Organised Crime and Corruption Investigation	\$85	\$85
JS28^	Graduate Certificate in Justice Policy	\$85	\$85
JS29^	Graduate Certificate in Strategic Intelligence	\$85	\$85
JS51^	Master of Justice	\$85	\$85
JS55	Master of Justice - Intelligence Major (specified cohort)	\$65	\$65
LP41	Graduate Diploma in Legal Practice	\$75	\$75
LW51	Master of Laws by Coursework	\$85	\$90
LW60	Graduate Certificate in Law	\$85	\$90
LW65	Graduate Certificate in Legal Studies	\$85	\$85
LW70	Graduate Diploma in Legal Studies	\$85	\$85
SCIENCE			
LS70*	Graduate Diploma in Biotechnology	\$75	\$75
LS71*	Graduate Diploma in Diagnostic Technologies	\$75	\$75
LS80	Master of Applied Science (Life Science)	\$75	\$75
MA65	Graduate Certificate in Mathematical Science (commencing 2003)	-	\$75
MA85	Master of Mathematical Science (commencing 2003)	-	\$75
PH60*	Graduate Certificate in Applied Science (Medical Imaging/Radiation Therapy/Breast Ultrasound)	\$75	\$75
PH71*	Graduate Diploma in Applied Science (Medical Physics/Medical Ultrasound/Medical Imaging/Radiation Therapy)	\$75	\$75
PH75	Graduate Diploma in Cardiac Ultrasound (commencing 2002)	\$75	\$75
PH80*	Master of Applied Science (Medical Physics/Medical Ultrasound/Medical Imaging/Radiation Therapy)	\$75	\$75
PH85	Master of Cardiac Ultrasound (commencing 2002)	\$75	\$75
INTERFACULTY			
IF01	Graduate Certificate in Creative Industries	\$75	\$75
IF02	Graduate Diploma in Creative Industries (Arts and Cultural Management)	\$75	\$75
IF03	Graduate Diploma in Creative Industries (Creative and Media Enterprises)	\$75	\$75
IF04	Master of Creative Industries	\$75	\$75
IF13	Master of Business Administration/Master of Information Technology (Non-IT graduates)	\$140	\$150
IF14	Master of Business Administration/Master of Information Technology (Non-IT graduates)	\$160	\$170
IF15	Master of Business Administration/Master of Information Technology (IT graduates)	\$140	\$150
IF17	Master of Business Administration/Master of Information Technology (IT graduates)	\$160	\$170

SCHEDULE 2 - FEES AND CHARGES (TABLE B-C)

IF18	Master of Business Administration/Master of Information Technology (Non-IT graduates) commencing 2003	-	TBA
IF19	Master of Business Administration/Master of Information Technology (IT graduates) commencing 2003	-	TBA
IF88	Graduate Certificate in Risk Management		\$70
IF91	Graduate Certificate in Facilities Management	\$95	TBA
IF92	Graduate Diploma in Facilities Management	\$95	TBA
IF94	Graduate Certificate in Advertising	-	\$85
IF95	Graduate Diploma in Advertising	-	\$85
IF96	Master of Advertising	-	\$85
^ subject to final approval			
* Tuition fee places offered to students after HECS liable places filled			

Table C - International Student Tuition Fees

These fees are set in accordance with rule 24(4), QUT Student Rules by the authority of the Vice-Chancellor.

Application fee for award courses: \$55 (incl GST)

Note: The quoted fee is based on a standard credit point load. The actual cost of the program will depend on the number of credit points enrolled. Pro-rata increase in fees will be charged when more than a normal course load is taken in any semester.

CRICOS Code	Course Code	Course Title	Fee paid by student first enrolling in 2003 per course per teaching period
<b>NON-DEGREE COURSES</b>			
N/A	NA05	Visiting Program (for cross institutional and visiting units)	\$1625/unit
039397G	NA20	Master of Information Technology – Qualifying Program	\$8000
003287M	QC02	Foundation Program	\$6000
011424G	QC10	English for Academic Purposes (EAP)	\$3480
011426E	QC20	General English (ELICOS) Courses	\$1450
003158A	QC03	Bridging Program	\$6000
012704B	UO10	Study Abroad Scheme	\$6500
039398G		International Qualifying Program	As per intended course of study
<b>UNIVERSITY CERTIFICATES AND DIPLOMAS</b>			
025282A	BS40	University Diploma in Business	\$6000
039083D	IF06	University Diploma in Professional Communication	\$6000
025283M	IT10	University Diploma in Information Technology	\$6000
N/A	KD16	University Certificate in Dance Teaching [external]	\$4750
N/A	KD17	University Diploma in Dance Teaching [external]	\$4750
<b>INTER-DISCIPLINE (COMBINED UNDERGRADUATE DEGREES)</b>			
031578A	HL40	Bachelor of Nursing/Bachelor of Applied Science (in Human Movement Studies)	\$6500
031579M	HL42	Bachelor of Health Science (Nutrition and Dietetics)/Bachelor of Applied Science (Human Movement Studies)	\$6500
031576C	HL46	Bachelor of Nursing/Bachelor of Health Science (Public Health)	\$6500
TBA	HL43	Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Health Science (Podiatry)*	\$6500
040312G	IF05	Bachelor of Journalism/Bachelor of Business (International Business, Advertising, Public Relations)	\$7250
040313G	IF07	Bachelor of Journalism/Bachelor of Laws	\$7250
040286E	IF09	Bachelor of Creative Industries (Media Communication)/Bachelor of Business (International Business, Advertising, Public Relations)	\$6750

SCHEDULE 2 - FEES AND CHARGES (TABLE C)

040288C	IF10	Bachelor of Creative Industries (Media Communication)/Bachelor of Laws	\$6750
037551G	IF13	Master of Business Administration/Master of Information Technology [for non-IT graduates]	\$10 000
037551G	IF15	Master of Business Administration/Master of Information Technology [for IT graduates]	\$10 000
020329J	IF21	Bachelor of Engineering (Electrical and Computer)/Bachelor of Applied Science (Mathematics)	\$8000
037542J	IF27	Bachelor of Mass Communication	\$7250
027278C	IF28	Bachelor of Engineering (Electrical & Computer Engineering)/ Bachelor of Business	\$8250
020327M	IF29	Bachelor of Applied Science/Bachelor of Information Technology	\$8000
037539D	IF30	Bachelor of Arts (Humanities)/Bachelor of Business (Advertising, Human Resource Management, International Business, Management, Public Relations)	\$7000
006386F	IF37	Bachelor of Business (Accountancy)/Bachelor of Laws	\$6500
006385G	IF38	Bachelor of Information Technology/Bachelor of Laws	\$8000
012661G	IF39	Bachelor of Applied Science/Bachelor of Laws	\$8000
006386F	IF41	Bachelor of Business/Bachelor of Laws	\$6500
027276E	IF43	Bachelor of Arts/Bachelor of Laws	\$7000
027277D	IF47	Bachelor of Business/Bachelor of Health Science (Health Services Management)	\$6500
022137A	IF48	Bachelor of Business/Bachelor of Information Technology (Information Systems)	\$8000
020327M	IF58	Bachelor of Applied Science (Mathematics)/Bachelor of Information Technology	\$8000
006384G	IF59	Bachelor of Engineering (Electronics)/Bachelor of Information Technology	\$8250
027274G	IF60	Bachelor of Applied Science (Mathematics)/Bachelor of Business (Accountancy, Banking and Finance, Economics)	\$8000
042263G	IF61	Bachelor of Applied Science/Bachelor of Business	\$8000
020328K	IF62	Bachelor of Applied Science in Human Movement Studies/Bachelor of Business	\$6500
020316C	IF70	Bachelor of Arts/Bachelor of Education (Secondary)	\$7000
020322E	IF71	Bachelor of Applied Science/Bachelor of Education (Secondary)	\$8000
020321F	IF72	Bachelor of Business (Accountancy, Economics)/Bachelor of Education (Secondary)	\$6500
020323D	IF73	Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Education (Secondary)	\$6500
040314F	IF75	Bachelor of Creative Industries (Dance)/Bachelor of Education (Secondary)	\$6750
040315E	IF76	Bachelor of Creative Industries (Drama)/Bachelor of Education (Secondary)	\$7250
020319M	IF77	Bachelor of Music/Bachelor of Education (Secondary)	\$7250
040316D	IF78	Bachelor of Creative Industries (Visual Arts)/Bachelor of Education (Secondary)	\$6750
022136B	IF79	Bachelor of Information Technology/Bachelor of Education (Secondary)	\$8000
020316C	IF81	Bachelor of Arts/Bachelor of Education (Early Childhood)	\$7000
020316C	IF82	Bachelor of Arts/Bachelor of Education (Primary)	\$7000
020324C	IF83	Bachelor of Applied Science/Bachelor of Education (Early Childhood)	\$8000
037540M	IF84	Bachelor of Applied Science/Bachelor of Education (Primary)	\$8000
031577B	IF85	Bachelor of Health Science (Health Information Management)/Bachelor of Information Technology	\$8000
031581F	IF86	Bachelor of Arts (Humanities)/Bachelor of Applied Science	\$8000
003505F	IF87	Bachelor of Applied Science (Environmental Science)/Bachelor of Health Science (Environmental Health)	\$8000
040317C	IF90	Bachelor of Creative Industries (Communication Design)/Bachelor of Information Technology	\$8250
040289B	IF93	Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws	\$7250
018380B	LW42	Bachelor of Justice/Bachelor of Laws	\$6500
* Subject to final approval.			
FACULTY OF BUILT ENVIRONMENT AND ENGINEERING			
006364A	AR48	Bachelor of Architecture (4th – 6th years)	\$8000
003507D	BN31	Bachelor of Built Environment - Architectural Studies*	\$8000
003507D	BN31	Bachelor of Built Environment - Industrial Design, Interior Design, Landscape Architecture, Urban and Regional Planning	\$8000
037544G	CE44	Bachelor of Engineering (Civil) includes Environment major	\$8250
037547D	CE45	Bachelor of Engineering (Civil)	\$8800

SCHEDULE 2 - FEES AND CHARGES (TABLE C)

040310K	CE46	Bachelor of Engineering (Environmental Management)	\$8250
006363B	CN51	Bachelor of Applied Science (Construction Management)	\$7000
003500M	CN53	Bachelor of Applied Science (Quantity Surveying)	\$7000
040319A	CN54	Bachelor of Property Economics	\$7000
003490G	EE41	Bachelor of Engineering (Electrical and Computer) or Bachelor of Engineering (Electrical)	\$8250
003490G	EE42	Bachelor of Engineering (Electrical and Computer) or Bachelor of Engineering (Electrical)	\$8800
040309C	EE46	Bachelor of Engineering (Computer Systems)	\$8250
040308D	EE47	Bachelor of Engineering (Telecommunications)	\$8250
037543G	EE48	Bachelor of Engineering (Aerospace Avionics)	\$8500
020303G	ME36	Bachelor of Technology (Mechanical)^	\$8250
003490G	ME40	Bachelor of Engineering (Infomechatronics)	\$8250
003490G	ME41	Bachelor of Engineering (Mechanical)	\$8250
018769C	ME42	Bachelor of Engineering (Mechanical)	\$8800
040311J	ME43	Bachelor of Engineering (Engineering Management and Information Systems)	\$8250
003490G	ME48	Bachelor of Engineering (Medical)	\$8250
016354J	PS47	Bachelor of Surveying	\$8250
020302J	PS48	Bachelor of Surveying	\$9100
040341C	CE62	Graduate Certificate in Civil Engineering	\$8250
012705A	CN81	Graduate Certificate in Project Management	\$8250
036428G	CN90	Graduate Certificate in Property Economics	\$8250
040328M	DB60	Graduate Certificate in Designed Environments for Ageing	\$8250
043119G	EE61	Graduate Certificate in Computer and Communications Engineering	\$8250
018208C	ME75	Graduate Certificate in Engineering Management	\$8250
036436G	PS73	Graduate Certificate in Geomatics	\$8250
037545F	PS75	Graduate Certificate in Landscape Techniques	\$8250
037546E	PS76	Graduate Certificate in Landscape Design	\$8250
040339G	PS79	Graduate Certificate in Geographic Information Systems	\$8250
040336M	PS82	Graduate Certificate in Planning Studies	\$8250
003479C	AR61	Graduate Diploma in Industrial Design	\$8250
006361D	AR62	Graduate Diploma in Interior Design	\$8250
036430C	CE64	Graduate Diploma in Civil Engineering	\$8250
006362C	CN64	Graduate Diploma in Project Management	\$8250
036429G	CN91	Graduate Diploma in Property Economics	\$8250
015184G	EE66	Graduate Diploma in Computer and Communication Engineering	\$8250
003478D	PS66	Graduate Diploma in Landscape Architecture	\$8250
006369G	PS68	Graduate Diploma in Surveying Practice	\$8250
014018G	PS69	Graduate Diploma in Urban Design	\$8250
003477E	PS72	Graduate Diploma in Urban and Regional Planning	\$8250
036437G	PS74	Graduate Diploma in Geomatics	\$8250
040337K	PS78	Graduate Diploma in Geographic Information Systems	\$8250
003462A	BN71	Master of Applied Science (Research) Built Environment	\$8250
003465J	BN72	Master of Engineering (Research and Thesis)	\$8250
003475G	BN73	Master of Built Environment (Urban Design)	\$8250
020300M	CE74	Master of Engineering Science (Civil) incl Environment or Transport Engineering	\$8250
042259C	CE75	Master of Engineering Science (Civil Engineering Studies)	\$8250
016350B	CN77	Master of Project Management	\$8250
036432A	CN92	Master of Property Economics	\$8250
040343A	EE76	Master of Engineering Science (Computer and Communication Engineering)	\$8250
042260K	EE77	Master of Engineering Science (Electrical Engineering Studies)	\$8250
006368G	ME76	Master of Engineering Management	\$8250
042261J	ME80	Master of Engineering Science (Mechanical Engineering Studies)	\$8250
020299K	PS70	Master of Urban and Regional Planning	\$8250
020301K	PS71	Master of Landscape Architecture	\$8250

SCHEDULE 2 - FEES AND CHARGES (TABLE C)

006367J	IF49E	PhD Built Environment/Engineering	\$8250
N/A	IF49EM	PhD Built Environment/Engineering [external]	\$4500
* Articulation to AR48 is compulsory after completion of BN31 (Architectural Studies) for those requiring Australian professional registration.			
^ Only available to students entering with Advanced Standing.			
FACULTY OF BUSINESS			
003491G	BS56	Bachelor of Business - Accountancy, Banking and Finance, Advertising, Public Relations, Economics, Human Resource Management, International Business, Management, Marketing, Electronic Business	\$6500
009038B	BS63	Bachelor of Business (Honours) - Accountancy, Banking and Finance, Communication, Economics, Human Resource Management, International Business, Management, Marketing	\$6500
031769E	BS39	Graduate Certificate in Business - Communication, Human Resource Management, International Business, Marketing, Public Management	\$7000
031575D	GS87	Graduate Certificate in Business Administration	\$10 000
012664E	GS93	Graduate Certificate in Management	\$10 000
003481J	BS70	Graduate Diploma in Advanced Accounting	\$7000
009035E	BS72	Graduate Diploma in Public Relations	\$7000
027282G	BS96	Graduate Diploma in Applied Finance^	\$7000
002621K	GS86	Graduate Diploma in Business Administration	\$10 000
002329C	BS89	Master of Business (Professional Accounting)	\$7000
037552G	BS91	Master of Business Administration/Master of Applied Finance	\$10 000
002329C	BS92	Master of Business (Research)	\$7000
002329C	BS93	Master of Business (Coursework) - Advertising, Human Resource Management, International Business, Marketing, Philanthropy and Nonprofit Studies, Public Management, Public Relations	\$7000
020304G	BS94	Master of Commerce (Coursework) - Accountancy, Banking and Finance, Business and Taxation Law, Electronic Business	\$7000
027283F	BS98	Master of Applied Finance	\$7000
TBA	GS37	Master of Entrepreneurship and Innovation^^	\$10 000
003468F	GS85	Master of Business Administration	\$10 000
N/A	GS94	Master of Business Administration (Executive)	\$30 000*
043117J	GS97	Master of Business Administration (with a Major)	\$10 000
037551G	IF13	Master of Business Administration/Master of Information Technology [for non-IT graduates]	\$10 000
037551G	IF15	Master of Business Administration/Master of Information Technology [for IT graduates]	\$10 000
006365M	IF49B	PhD Business	\$7000
N/A	IF49BM	PhD Business [external]	\$3500
^ Normally a part-time course. Special conditions apply to enable a full-time program to be devised for international students.			
^^ Subject to final approval.			
* Full course fee.			
CREATIVE INDUSTRIES FACULTY			
040305G	KC32	Bachelor of Creative Industries (Media Communication)	\$6750
018478C	KD15	Associate Degree in Dance	\$6250
032393B	KD25	Bachelor of Fine Arts (Dance)	\$6750
040303J	KD32	Bachelor of Creative Industries (Dance)	\$6750
020296B	KI25	Bachelor of Fine Arts (Communication Design)	\$8500
040304G	KI32	Bachelor of Creative Industries (Communication Design)	\$8250
040293F	KJ32	Bachelor of Journalism	\$7250
040297B	KK32	Bachelor of Creative Industries (Interdisciplinary Studies)	\$6500
022140F	KM32	Bachelor of Music	\$7250
040299M	KP25	Bachelor of Fine Arts (Film and Television)	\$7750
040300A	KS25	Bachelor of Fine Arts (Acting)	\$7500
040301M	KS26	Bachelor of Fine Arts (Technical Production)	\$7250
040298A	KT32	Bachelor of Creative Industries (Drama)	\$7250



SCHEDULE 2 - FEES AND CHARGES (TABLE C)

040302K	KV25	Bachelor of Fine Arts (Visual Arts)	\$7000
040295D	KV32	Bachelor of Creative Industries (Visual Arts)	\$6750
040306F	KW25	Bachelor of Fine Arts (Creative Writing Production)	\$7500
040296C	KW32	Bachelor of Creative Industries (Creative Writing)	\$7250
037542J	IF27	Bachelor of Mass Communication	\$7250
040321G	KK52	Bachelor of Creative Industries (Honours) - Communication Design, Dance, Drama, Media Studies, Creative Writing, Visual Arts	\$7500
040320G	KK53	Bachelor of Fine Arts (Honours) - Visual Arts, Film and Television Production, Communication Design, Creative Writing	\$7500
040326B	KK54	Bachelor of Journalism (Honours)	\$7500
031574E	KK55	Bachelor of Music (Honours)	\$7500
N/A	KD35	Graduate Certificate in Dance Instruction [external only F/T]	\$5000
N/A	KD35	Graduate Certificate in Dance Instruction [external only P/T]	\$2500
TBA	KI35	Graduate Certificate in Communication Design*	\$8250
040323E	KJ35	Graduate Certificate in Journalism	\$7250
034715F	KM35	Graduate Certificate in Music	\$7500
040327A	KP35	Graduate Certificate in Film and Television	\$7500
040322F	KW35	Graduate Certificate in Creative Writing	\$7500
040291G	IF02	Graduate Diploma in Creative Industries (Arts and Cultural Management)	\$7250
040292G	IF03	Graduate Diploma in Creative Industries (Creative and Media Enterprises)	\$7250
034712J	KC36	Graduate Diploma in Digital Media	\$7250
N/A	KD36	Graduate Diploma in Dance Instruction [external only F/T]	\$5000
N/A	KD36	Graduate Diploma in Dance Instruction [external only P/T]	\$2500
043123M	KI36	Graduate Diploma in Communication Design	\$8250
040340D	KJ36	Graduate Diploma in Journalism	\$7250
034717D	KM36	Graduate Diploma in Music	\$7500
040324D	KP36	Graduate Diploma in Film and Television	\$7500
040290J	IF04	Master of Creative Industries	\$7250
040325C	KC42	Master of Digital Media	\$7250
031870G	KI42	Master of Communication Design	\$8250
016349F	KK42	Master of Fine Arts - Dance, Drama, Music, Visual Arts	\$7250
043121B	KK42	Master of Fine Arts (Acting)	\$7500
240331E	KK51	Master of Arts (Research)	\$7500
034710M	KM42	Master of Music	\$7500
012693M	IF49A	PhD Arts	\$7500
N/A	IF49AM	PhD Arts [external]	\$3750
* Subject to final approval.			
FACULTY OF EDUCATION			
000374C	ED26	Bachelor of Education (In Service)	\$6500
N/A	ED26	Bachelor of Education (In Service) [external P/T]	\$1500/unit
020305F	ED43	Bachelor of Early Childhood Studies <sup>^</sup>	\$6500
040329K	ED44	Bachelor of Early Childhood [external]	\$1500/unit
000783G	ED50	Bachelor of Education (Secondary) - Business Education, LOTE, Home Economics, Physical Education, Science/Mathematics/Computing, Social Science, English/Film and Media Studies	\$6500
000783G	ED51	Bachelor of Education (Primary)	\$6500
000783G	ED52	Bachelor of Education (Early Childhood)	\$6500
N/A	ED53	Bachelor of Education (Preservice) (Early Childhood) [external P/T]	\$1500/unit
000783G	ED54	Bachelor of Education (Adult and Workplace Education)	\$6500
000783G	ED54	Bachelor of Education (Adult and Workplace Education) [external P/T or external F/T]	\$1500/unit
031572G	ED55	Graduate Bachelor of Education (Preservice) (Secondary) - Accounting/Business Management, Art, Biology, Business Communication Technologies, Chemistry, Computing, Dance, Drama, Earth Science, Economics, English, English as a Second Language, Film and Media Studies, Geography, Health Education, History, Home Economics, Legal Studies, LOTE, Mathematics, Music (Classroom), Music (Instrumental), Physical Education,	\$7000

SCHEDULE 2 - FEES AND CHARGES (TABLE C)

		Physics, Primary LOTE, Science, Social Science	
031572G	ED56	Graduate Bachelor of Education (Preservice) (Primary)	\$7000
031572G	ED57	Graduate Bachelor of Education (Preservice) (Early Childhood)	\$7000
014019G	ED61	Graduate Certificate in Education [external P/T] - Adult and Organisational Learning, Behaviour Management, Computers in the Classroom, Higher Education, Information Literacy, Information Technology Education, Leadership and Management, Learning Leadership, Learning Support, Literacy and Numeracy, Marine Studies, Marine Studies (Advanced), Mathematics Education, Mathematics Education (Advanced), Science Education	\$3000
014019G	ED77	Graduate Certificate of Education (TESOL)	\$7000
011197B	ED20	Graduate Diploma in Education (Early Childhood) [external P/T]	\$1500/unit
011197B	ED21	Graduate Diploma in Education (Computer Education) [external P/T]	\$1500/unit
N/A	ED23	Graduate Diploma in Education (Educational Management) [external P/T]	\$1500/unit
011197B	ED25	Graduate Diploma in Education (Teacher-Librarianship) [external P/T or external F/T]	\$1500/unit
N/A	ED28	Graduate Diploma in Education (Learning Support) [external P/T or external F/T]	\$1500/unit
002501G	ED12	Master of Education (Research)	\$7000
002330K	ED13	Master of Education [external P/T or external F/T] - Early Childhood Education, Higher Education, Leadership and Management, Mathematics Education, Science Education, Technology Education	\$1500/unit
002330K	ED14	Master of Education (TESOL)	\$7000
015023C	ED11	Doctor of Education (EdD)	\$7500
012646G	IF49ED	PhD Education	\$7500
N/A	IF40EDM	PhD Education [external]	\$3750
^Course structure may include units taken from preservice course.			
<b>HEALTH</b>			
031578A	HL40	Bachelor of Nursing/Bachelor of Applied Science (in Human Movement Studies)	\$6500
031579M	HL42	Bachelor of Health Science (Nutrition and Dietetics)/Bachelor of Applied Science (Human Movement Studies)	\$6500
031576C	HL46	Bachelor of Nursing/Bachelor of Health Science (Public Health)	\$6500
012659B	HM42	Bachelor of Applied Science (Human Movement Studies)	\$6500
003501K	NS40	Bachelor of Nursing (Preregistration/Postregistration/Graduate Entry)	\$6500
009031J	OP42	Bachelor of Applied Science (Optometry)^	\$9000
022142D	PU40	Bachelor of Health Science - Environmental Health, Health Safety and Environment, Health Information Management, Health Services Management, Public Health, Nutrition	\$6500
022143C	PU43	Bachelor of Health Science - Podiatry, Nutrition and Dietetics	\$6500
034136C	PY45	Bachelor of Behavioural Science (Psychology)	\$6500
016355G	HL50	Bachelor of Nursing (Honours)	\$6500
043118G	HL52	Bachelor of Applied Science (Honours)	\$6500
027284E	HL55	Bachelor of Health Science (Honours)	\$6500
034711K	PY09	Bachelor of Psychology (Honours)	\$6500
027285D	HL38	Graduate Certificate in Health Science*	\$7000
040334B	PY40	Graduate Certificate in Road Safety	\$6500
020308C	HL68	Graduate Diploma in Health Science - Aged Care, Environmental Health, Exercise and Sports Nutrition, Health Promotion, Health Services Management, Physical and Health Education, Risk Management, Sports Studies, Women's Health, Cross-specialisation	\$7000
015086K	NS64	Graduate Diploma in Nursing - Aged Care, Cancer Nursing, Mental Health, Women's Health, Medical/Surgical, Community Practice, Professional Studies	\$7000
015086K	NS64	Graduate Diploma in Nursing - Intensive Care, Paediatrics, Child and Youth Health	\$7000
040342B	NS68	Graduate Diploma in Midwifery	\$7000
020306E	PU60	Graduate Diploma in Public Health	\$8500
020307D	PU65	Graduate Diploma in Occupational Health and Safety	\$7000
036434K	PY08	Graduate Diploma in Psychology (Bridging)	\$6500
036435J	PY30	Graduate Diploma in Clinical Hypnosis	\$6500
040335A	PY41	Graduate Diploma in Road Safety	\$6500
034714G	PY20	Post Graduate Diploma in Psychology	\$6500
007897G	HL84	Master of Applied Science (Research)	\$7000

SCHEDULE 2 - FEES AND CHARGES (TABLE C)

N/A	HL84	Master of Applied Science (Research) [external P/T]	\$3500
009030K	HL88	Master of Health Science - Aged Care, Environmental Health, Exercise and Sports Nutrition, Health Services Management, Health Promotion, Occupational Health and Safety, Physical and Health Education, Risk Management, Sports Studies, Women's Health, Cross-Specialisation	\$7000
012644J	NS85	Master of Nursing - Aged Care, Cancer Nursing, Mental Health, Women's Health, Medical/Surgical, Community Practice, Professional Studies	\$7000
012644J	NS85	Master of Nursing - Intensive Care, Midwifery, Paediatric, Child and Youth Health	\$7000
009029C	PU85	Master of Public Health**	\$8500
043120C	PY17	Master of Counselling Psychology	\$8500
037680K	HL90	Doctor of Health Science	\$7500
006374K	IF49H	PhD Health	\$7500
N/A	IF49HM	PhD Health [external]	\$3750
^ Strict quotas apply.			
* Normally a part-time course. Special conditions apply to enable a full-time program to be devised for international students.			
** Course is offered across QUT, Griffith University and University of Queensland. The quoted fee is for units offered at QUT.			
<b>HUMANITIES AND HUMAN SERVICES</b>			
037577J	HH01	Bachelor of Arts (Humanities) - International and Global Studies, Society and Change, Ethics and Human Rights, Community Studies	\$7000
001819D	HH02	Bachelor of Social Science (Human Services)	\$7000
001819D	HH03	Bachelor of Social Science	\$7000
020294D	HH21	Bachelor of Arts (Honours)	\$7000
027279B	HH22	Bachelor of Social Science (Honours) (Human Services)	\$7000
027279B	HH23	Bachelor of Social Science (Honours)	\$7000
040287D	HH30	Graduate Certificate in Social Science (Human Services)	\$7000
027280J	HH31	Graduate Diploma in Social Science (Human Services)	\$7000
027281G	HH32	Master of Social Science (Human Services)	\$7000
012707K	HH40	Master of Arts (Research) (Humanities and Human Services) - Applied Ethics, Asia Pacific Studies, Computer-Assisted Language Learning, Geography, History, Human Services, Indigenous and Cross Cultural Studies, Political Studies, Sociology	\$7000
TBA	IF49A	PhD Arts	\$7000
N/A	IF49AM	PhD Arts [external]	\$3500
<b>FACULTY OF INFORMATION TECHNOLOGY</b>			
012656E	IT21	Bachelor of Information Technology - Software Engineering, Data Communications, Information Systems, Electronic Commerce	\$8000
017323G	IT30	Bachelor of Information Technology (Honours)	\$8000
017323G	IT31	Bachelor of Information Technology (Honours) – Accelerated Program	\$8000
N/A	IT91	Graduate Certificate in Information Technology (Software Engineering)^	\$2000/unit
N/A	IT92	Graduate Certificate in Information Technology (Information Security)^	\$2000/unit
N/A	IT93	Graduate Certificate in Information Technology (Enterprise Wide Software)^	\$2000/unit
N/A	IT95	Graduate Certificate in Information Technology (Project)^	\$2000/unit
006379E	IT25	Graduate Diploma in Library and Information Studies	\$8000
018771J	IT35	Graduate Diploma in Information Technology[for IT graduates]	\$8000
018771J	IT38	Graduate Diploma in Information Technology[for non-IT graduates]	\$8000
037551G	IF13	Master of Business Administration/Master of Information Technology[for non-IT graduates]	\$8000
037551G	IF15	Master of Business Administration/Master of Information Technology[for IT graduates]	\$8000
003776E	IT40	Master of Information Technology[for IT graduates]	\$8000
003776E	IT45	Master of Information Technology[for non-IT graduates]	\$8000
020309B	IT60	Master of Information Technology (Research)	\$8000
006378F	IF49IT	PhD Information Technology	\$8000
N/A	IF49ITM	PhD Information Technology [external]	\$4000
^ Only available to those with a Bachelor degree in computing and only available in external and internet mode.			

SCHEDULE 2 - FEES AND CHARGES (TABLE C)

FACULTY OF LAW			
006117E	JS31	Bachelor of Justice	\$6500
003486D	LW33	Bachelor of Laws	\$6500
018380B	LW42	Bachelor of Justice/Bachelor of Laws	\$6500
020313F	JS40	Bachelor of Justice (Honours)	\$6500
036433M	JS25	Graduate Certificate in Justice Studies	\$6500
027286C	LW60	Graduate Certificate in Law	\$6500
040307E	LW65	Graduate Certificate in Legal Studies	\$6500
020312G	JS41	Graduate Diploma in Legal and Justice Studies <sup>^</sup>	\$6500
009034F	LP41	Graduate Diploma in Legal Practice	\$13 000
040318B	LW70	Graduate Diploma in Legal Studies	\$6500
020311G	JS51	Master of Justice by Coursework	\$6500
020310J	JS52	Master of Arts (Justice Studies) (Research)	\$6500
006380A	LW51	Master of Laws (Coursework)	\$6500
012654G	LW52	Master of Laws (Research)	\$6500
012652J	LW50	Doctor of Juridical Science (Coursework and Thesis)	\$7000
015024B	IF49L	PhD Law	\$7000
N/A	IF49LM	PhD Law [external]	\$3500
<sup>^</sup> Only available to continuing students.			
FACULTY OF SCIENCE			
020331D	LS37	Bachelor of Applied Science (Medical Science)	\$8000
037681J	LS50	Bachelor of Biotechnology Innovation	\$8000
037588F	PH38	Bachelor of Applied Science (Medical Radiation Technology) - Medical Imaging Technology and Radiotherapy Technology	\$8000
003502J	SC01	Bachelor of Applied Science - Biochemistry, Biotechnology, Chemistry, Corporate Maths, Ecology, Environmental Science, Geoscience, Mathematics, Microbiology, Physics	\$8000
003502J	SC01/SC60	Deans Scholars Accelerated Honours Program <sup>^</sup>	\$10 000
042262G	SC51	Bachelor of Applied Science Innovation	\$8000
009041G	SC60	Bachelor of Applied Science (Honours)	\$8000
032395M	SC60M	Bachelor of Applied Science (Honours – Mathematics)	\$7000
034716E	PH60	Graduate Certificate in Applied Science - Medical Imaging, Breast Ultrasound	\$8000
016975B	LS70	Graduate Diploma in Biotechnology	\$8000
020315D	PH71	Graduate Diploma in Applied Science - Medical Physics, Medical Imaging	\$8000
N/A	PH75	Graduate Diploma in Cardiac Ultrasound [external P/T] <sup>^^</sup>	\$2000/unit
020314E	SC71	Graduate Diploma of Applied Science	\$8000
018479B	LS80	Master of Applied Science (Life Science)	\$8000
003473J	PH80	Master of Applied Science - Medical Physics, Medical Imaging	\$8000
N/A	PH85	Master of Cardiac Ultrasound [external] <sup>^^^</sup>	\$2000/unit
014020C	SC80	Master of Applied Science (Research)	\$9000
012648E	SC80M	Master of Applied Science (Mathematics)	\$7000
006381M	IF49SC	PhD Science	\$10 000
N/A	IF49SCM	PhD Science [external]	\$5000
012650M	IF49M	PhD Mathematics	\$7000
N/A	IF49MM	PhD Mathematics [external]	\$3500
<sup>^</sup> Information available from <a href="http://www.sci.qut.edu.au/ag/programs/Deans_Scholars.htm">www.sci.qut.edu.au/ag/programs/Deans_Scholars.htm</a> . Special conditions apply.			
<sup>^^</sup> Subject to final approval.			
<sup>^^^</sup> Short period of on-campus study is required.			

SCHEDULE 2 - FEES AND CHARGES (TABLE D-F)

TABLE D - DOMESTIC UNDERGRADUATE NON-AWARD TUITION FEES

These fees are set in accordance with rule 24(3), QUT Student Rules by the authority of the Vice-Chancellor.

Course Code	Course Type	Fee per credit point	
		2002	2003
BS20	Management Certificate (Undergraduate)	\$75	\$75
KD05	Certificate in Dance Teaching	\$65	\$65
KD06	Advanced in Certificate in Dance Teaching	\$65	\$65

TABLE E - SUMMER PROGRAM TUITION FEES (INCLUDING HECS COURSES WITH SUMMER AS NORMAL PROGRESSION)

These fees are set in accordance with rule 24(5), QUT Student Rules by the authority of the Vice-Chancellor.

Does not include International Student Tuition Fees

Summer Program Tuition Fees	2002/2003
Students enrolled in a HECS course in a Summer Program unit which is part of the normal course progression	HECS
Students enrolled in existing fee-paying courses	Standard Tuition fee applies
All other students (including QUT students and cross-institutional students)	\$70 per credit point

HECS Courses With Summer As Normal Progression		
Faculty of Built Environment and Engineering		
CE45	Bachelor of Engineering (Civil) - Mid-year entry	HECS - specific units
ME42	Bachelor of Engineering (Mechanical) - Mid-year entry	HECS
EE42	Bachelor of Engineering (Electrical and Computer Engineering) - Mid-year entry	HECS
PS48	Bachelor of Surveying - Mid-year entry	HECS - specified units
BN73	Master of Built Environment (Urban Design)	HECS
	Dean's Scholars	HECS
	Mid-year entry students into other Engineering courses	
Faculty of Education		
ED20	Graduate Diploma in Education (Early Childhood)	HECS - specified unit
Faculty of Law		
LW33	Bachelor of Laws - Mid-year entry	HECS - specified units
Faculty of Science		
SC01	Dean's Scholars - (accelerated)	HECS - specified unit
LS50	Bachelor of Biotechnology Innovation	HECS in specified units
PH71	Graduate Diploma in Applied Science	HECS in specified units
PH80	Masters in Applied Science	HECS in specified units

TABLE F - VISITING STUDENT TUITION FEES

These fees are set in accordance with rule 24(3), QUT Student Rules by the authority of the Vice-Chancellor.

Student Type	2002 fee per credit point	2003 fee per credit point
Students enrolled in an undergraduate or postgraduate unit from an existing HECS course.	\$75	Refer to UG & PG below
Students enrolled in any undergraduate unit	\$75	\$75
Students enrolled in a postgraduate unit offered by QUT Carseldine, Creative Industries, Faculties of Education or Health	\$75	\$75
Students enrolled in a postgraduate unit offered by the Faculty of Science	\$85	\$85
Students enrolled in a postgraduate unit offered by the Faculty of Law	\$85	\$90
Students enrolled in a postgraduate unit offered by the Faculty Built Environment and Engineering	\$95	\$95
Students enrolled in a postgraduate unit offered by the Faculties of Business	\$100	\$105
Students enrolled in a postgraduate unit offered by the Faculty of Information Technology	\$80	\$80

SCHEDULE 2 - FEES AND CHARGES (TABLE I-J)

TABLE G - STUDENT GUILD FEE

These fees are set in accordance with rule 22, QUT Student Rules by the authority of QUT Council.

Attendance Mode	2002	2003*
Full-time	\$240.00	\$242.00
Part-time	\$120.00	\$121.00
External	\$48.00	\$48.40

\* Subject to approval

TABLE H - QUT ADMINISTRATIVE CHARGES

These charges are set in accordance with rule 24, QUT Student Rules by the authority of the Registrar.

Type of Administrative Charge	2003 Charge (inc GST)
Late lodgement of application for admission	\$50.00
Late lodgement of enrolment form	\$50.00
Late addition to enrolment program	\$50.00
Addition to enrolment program not made on prescribed form	\$50.00
Reinstatement of enrolment following administrative cancellation	\$100.00
Review of Pass Grades (refundable):	
Step 2: school level review	\$20.00
Step 3: faculty level review	\$30.00
Copy of examination script	\$10.00
Statement of Academic Record	\$10.00
Re-issue of student ID card	\$10.00
Re-issue of Award Certificate	\$50.00
Re-issue of receipt for fees paid/statement of fees paid	\$10.00
Late fee for up-front HECS payment	\$50.00
Late fee for payment of tuition fees	\$50.00
Re-issue of Final Notice of Enrolment and HECS liability	\$10.00
International Student application fee for award courses	\$55.00
Late fee for payment of international tuition fees	\$100.00

TABLE I - DOMESTIC TUITION CANCELLATION CHARGES

These fees are set in accordance with rule 26, QUT Student Rules by the authority of the Vice-Chancellor.

Students should note that academic penalties may also apply to withdrawal of units. Refer to Schedule 1: Unit Addition and Withdrawal for more information.

Unit Teaching Period	Withdrawal Rule	Cancellation Charge
Semester 1 (SEM-1) Semester 2 (SEM-2)	HECS: on or before HECS census date	NIL
	HECS: after HECS census date	100% of HECS fee retained
	PELS/Domestic Tuition: on or before end of week 2	NIL
	PELS/Domestic Tuition: after end of week 2 to on or before HECS census date	25% of tuition fee retained*
	PELS/Tuition: after HECS census date	100% of tuition fee retained
6 Week Teaching Period (6TP1-6) Summer Program (SUM) Summer Program 1 (SUM-1) Summer Program 2 (SUM-2)	HECS: on or before HECS census date	NIL
	HECS: after HECS census date	100% of HECS fee retained
	Domestic tuition/PELS: before 1st day of teaching period	NIL
	Domestic tuition/PELS: after 1st day of teaching period but before end of week 2	25% of tuition fee retained*
	Domestic tuition/PELS: after end of week 2	100% of tuition fee retained

SCHEDULE 2 - FEES AND CHARGES (TABLE I-J)

21 Week Teaching Period (21TP1-2)	Domestic tuition/PELS: on or before end of week 2	NIL
	Domestic tuition/PELS: after end of week 2 but before the end of week 6	25% of tuition fee retained*
	Domestic tuition/PELS: after end of week 6	100% of tuition fee retained
Non-standard intensive teaching periods (2 weeks or less in length) where unit enrolment is either in Semester 1 or Semester 2 teaching periods	Domestic tuition/PELS: before 1st day of teaching period	NIL
	Domestic tuition/PELS: on or after 1st day of teaching period	100% of unit tuition fee retained
Non-standard intensive teaching periods (Greater than 2 weeks but less than 6 weeks in length) where unit enrolment is either in Semester 1 or Semester 2 teaching periods	Domestic tuition/PELS: before 1st day of teaching period	NIL
	Domestic tuition/PELS: on or after 1st day of teaching period but before end of week 2	25% of unit tuition fee retained*
	Domestic tuition/PELS: after end of week 2	100% of unit tuition fee retained

\* 25% PELS retention fee cannot be deferred to the ATO. Students in this situation will receive an invoice from QUT.

TABLE J - INTERNATIONAL TUITION CANCELLATION CHARGES

These fees are set in accordance with rule 26, QUT Student Rules by the authority of the Vice-Chancellor.

Students should note that academic penalties may also apply to withdrawal of units. refer to Schedule 1: Unit Addition and Withdrawal for more information.

Unit Teaching Period	Withdrawal Rule	Cancellation Charge
Semester 1 (SEM-1) Semester 2 (SEM-2)	From entire course, due to inability to obtain a visa or meet all the conditions stated in offer letter (commencing students only)	100% of tuition fee refunded
13 Week Teaching Period (13TP1-3)	From entire course, prior to commencement date of teaching period (commencing students only)	10% of first semester's tuition fee retained
12 Week Teaching Period (12TP1-3)	From entire course or leave of absence, within first four weeks of teaching period	50% of first semester's tuition fee retained
	From entire course or leave of absence, after first four weeks of teaching period	100% of first semester's tuition fee retained
	From a unit(s) within first four weeks of teaching period	100% of unit tuition fee refunded
	From a unit(s) after first four weeks of teaching period	100% of unit tuition fee retained
6 Week Teaching Period (6TP1-6)	From entire course, due to inability to obtain a visa or meet all the conditions stated in offer letter (commencing students only)	100% of tuition fee refunded
	From entire course, prior to commencement date of teaching period (commencing students only)	10% of first semester's tuition fee retained
	From entire course or leave of absence, within first two weeks of teaching period	50% of first semester's tuition fee retained
	From entire course or leave of absence, after first two weeks of teaching period	100% of first semester's tuition fee retained
	From a unit(s) within first two weeks of teaching period	100% of unit tuition fee refunded
	From a unit(s) after first two weeks of teaching period	100% of unit tuition fee retained
Summer Program (SUM)	From a unit(s) within first two weeks of teaching period	100% of unit tuition fee refunded
	From a unit(s) after first two weeks of teaching period	100% of unit tuition fee retained
5 Week Teaching Periods (5TP1-9) QUTIC English Language Programs Non package offers	Withdrawal from course more than 28 days before commencement	100% of fees refunded
	Withdrawal from course less than 28 days before course commencement	80% of fees refunded
	Withdrawal from course after commencement General English (QC20, QC21)	100% of current teaching period fees are retained, 80% of remaining balance is refunded
12TP1-3 (EAP) Non package offers	Withdrawal from course more than 28 days before commencement	100% of fees refunded
	Withdrawal from course less than 28 days before course commencement	80% of fees refunded
	Withdrawal from EAP (QC10) course after commencement	100% of fees retained

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SCHEDULE 2 - FEES AND CHARGES (TABLE J)

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English Language (ELP) package programs	From entire course, due to inability to obtain a visa or meet all the conditions stated in offer	100% of tuition fee refunded
	Withdrawal from course before commencement of ELP classes	10% of fees retained
	Withdrawal from the course after the commencement of ELP classes	100% of ELP session tuition fee retained and 90% of remaining fees refunded.



## ACCESS TO ASSESSMENT RESULTS

The University is committed to a policy of openness with respect to the release of assessment results. QUT policy on access to assessment results and/or marks is as follows.

For units where percentage marks are calculated, such marks will be placed on the confidential individual student records located in the QUT Virtual web pages (<https://qutvirtual.qut.edu.au/>).

Faculty academic boards must make appropriate arrangements for students who request to peruse their own examination scripts or written answers to examination questions or other forms of assessment, provided that the request is made within three months of the release of the examination results. Should students request a photocopy of their script, a fee will be levied.

Where examination question papers or other forms of assessment will be re-used in successive examinations, faculty academic boards must arrange for students to receive advice on their performance with reference to their own examination scripts in a way which does not prejudice the examination mode.

## ASSESSMENT FOR STUDENTS WITH DISABILITIES

Students with permanent or temporary disabilities have the right to alternative arrangements which are consistent with a commitment to academic excellence and the provision of equality of opportunity to enable students to fulfil course requirements.

Normally, students should notify the relevant course coordinator in writing early in the semester, but no later than the semester census date. Failure to do so may jeopardise access to appropriate services. Students who suffer a disability, illness or injury after the census date can, during the semester, seek special consideration or other means of addressing their need for alternative arrangements.

Alternative forms of assessment are usually negotiated between student and course coordinator, but advice can be sought from the QUT Disability Officer as needed, particularly if differing views are held about the appropriateness of such accommodation/arrangements.

Suggested variations in assessment techniques for students with disabilities are listed below, together with some examples of alternative techniques. Issues of validity, reliability and equity, together with ease of marking, should be taken into account when adopting such alternatives.

### Mode

- **Questioning modality**

eg brailled or audiotaped questions, viva voce testing, signing interpreter, etc.

- **Response modality**

eg oral rather than written answers - recorded on tape, viva voce, signing, etc.

### Context

- **Time**

eg extended period to answer examination, respite breaks during an examination, extra time to complete assignments, deferment without penalty, etc.

- **Equipment**

eg tape recorder, braille, print magnifier, electric typewriter, special desk for wheelchair, adapted laboratory equipment, etc.

- **Separate examination room**

eg special equipment, personal assistance (to avoid disturbing others).

- **Personal assistance**

eg amanuensis, reader, interpreter, aide.

To support their request for alternative assessment arrangements, students may be required by the relevant lecturer and course coordinator to present a certificate from a medical or other relevant specialist practitioner which substantiates the nature of the special need.

The University accepts that general principles of confidentiality and privacy should apply in such circumstances. Therefore, students may choose to refer the certificate to the QUT Disability Officer or a QUT counsellor who shall recommend appropriate action to the relevant lecturer or course coordinator.

Following any decisions in relation to such a request, all documentation in relation to the disability should be forwarded to the QUT Disability Officer for retention on a confidential file. A record of requests and adaptations will be retained for review purposes by the QUT Disability Officer with a record of the decision forwarded to the Examinations Officer for retention on the student's file.

The student must be advised in writing of any variations that will be made to assessment. The Examinations Section will notify the student in the case of central examinations and the school office will do so for school-based assessment.

Students who are not granted alternative assessment but believe that they are entitled to alternative assessment under the above provisions may request a review of the decision under the University's procedures for reviews of academic rulings.

## QUT POLICY ON CHILDREN OF STUDENTS ON CAMPUS

QUT recognises that students with children have additional demands placed upon them and that occasionally it may be necessary to bring a child or children onto campus.

This policy should be read in conjunction with the University's policy on child care and family responsibilities.

This policy is available at:

[www.qut.edu.au/admin/mopp/A/A\\_08\\_06.html](http://www.qut.edu.au/admin/mopp/A/A_08_06.html)

### Application

The Children of Students on Campus policy applies to all students. This policy does not apply to situations where a child is brought on campus for the purpose of attending a registered child care facility, the Early Childhood Development Unit, clinics and approved programs such as vacation care.

### Principles

Under the Queensland Workplace Health and Safety Act 1995 QUT has obligations to ensure the health and safety of all, including children, at or near the workplace. The legislation requires that students meet the following obligations:

- to follow instructions related to their study at QUT;
- to not interfere with or misuse anything provided for health and safety; and
- to not place themselves or others at risk.

Consistent with these obligations, a student must consider the following issues prior to bringing a child on campus.

- It is anticipated that students will make all reasonable attempts to arrange alternative childcare before bringing a child to the workplace.
- Students should obtain approval from the relevant staff member as soon as practical, i.e. in advance if possible or on arrival.

- Children are excluded from areas with potentially dangerous equipment or where hazardous substances are present, from areas subject to particular statutory or local regulation, and from examinations in progress.
- A common sense approach is necessary when bringing children on campus. For example, children recently exposed to an infectious illness (eg chicken pox, rubella, mumps etc) or who are known to be ill must not be brought on campus.
- The child's presence on campus should not result in disruption to the workplace, including classes and non-teaching areas such as the Library.

### Procedures

As the requirement for a student to bring a child on campus will not be a routine or regular event, the approval sought will generally be verbal, but should be recorded as a diary note by the QUT staff member giving such approval. The staff member from whom approval is sought will consider all the circumstances and may refuse permission, either at first contact or throughout the duration of the child's visit if there are concerns related to health and safety issues or disruption to the work of others. Permission should not be withheld unreasonably. Students who feel they have been treated unfairly when permission is refused may seek redress through existing University mechanisms (eg Equity Coordinator, Student Ombudsman, or grievance resolution processes).

The student bringing a child on campus is responsible for direct supervision of the child at all times and has the ultimate and sole responsibility for the safety and care of the child. This responsibility cannot be delegated to another person. If the child is reasonably mobile, it is preferable that the child should have some form of identification.

Children are not permitted in laboratories, workshops, clinical areas, chemical storage areas, construction sites, areas where minor works or maintenance are being conducted, or in any other area with significant levels of risk to a child.

If the child is responsible for causing wilful damage to University property, or causes an accident, the student responsible for the child will be held liable and may be sued for damages by the University.

### INFORMATION ACCESS AND PRIVACY

QUT recognizes that privacy is essential to human dignity and a key value which underpins other key values such as freedom of speech and freedom of association (Australian Privacy Charter, Australian Privacy Charter Council, December 1994).

However, the University is required to have on record a variety of factual information about staff and students, both for internal use and for the compilation of statistical reports to meet the requirements of such external bodies as DETYA and the Australian Taxation Office.

QUT also recognises that all staff and students, both past and present, are entitled to a legitimate expectation that the University will protect all information of a personal nature which it holds about them. The Registrar is the official custodian of all records containing such information, and is responsible to the Vice-Chancellor for their proper maintenance and control.

The University accepts that the general principles of confidentiality and privacy apply to the use and availability of its records. Where information about a staff member or student includes personal details, that person may quite reasonably expect that the University will maintain confidentiality, except where disclosure is required for legitimate purposes.

QUT also recognizes the increased tendency to store and access records by electronic means. Any reference to "personal records"

or "files containing personal information", includes files held in hard-copy form, and also by all electronic means.

With respect to disclosure required by law, the University acknowledges that other legislative obligations, such as the Queensland Freedom of Information Act 1992 (FOI Act) (see section F/10), may require the divulging of information which the University would ordinarily seek to protect. In such circumstances, the procedures set out in the FOI Act will be followed; that is, information about a person will only be released where the public interest of disclosure outweighs the need to maintain the privacy of the records.

### Personal Information

Personal information, also known as information concerning personal affairs, has been defined by the Queensland Information Commissioner, as that "of or relating to the private aspects of a person's life". The Commissioner has held that the phrase has a well accepted core meaning which includes family and marital relationships; medical records, health or ill-health; relationships and emotional ties with other people; and domestic responsibilities or financial obligations (Re Stewart and Department of Transport (1993) 1 QAR 227). QUT is of the view that unique identifiers such as a Tax File Number, pay roll number or a student number also fall within the meaning of personal information.

Further, the University has no need for and will not maintain records relating to the religious or political affiliations and activities of students or staff, except where such information may be voluntarily included in correspondence from students, staff or potential staff, or is included in references supplied by persons at a student's, staff member's or potential staff member's request.

### Collection of Personal Information (Principle 1)

Personal information will be collected by the University only for inclusion in a record or in a generally available publication where:

- it is collected for a lawful purpose relating to a function or activity of the University;
- the information is relevant to the purpose of collection; and
- the information is as up to date and complete as can reasonably be expected.

The University will not collect personal information by unlawful or unfair means.

The University will take reasonable steps to ensure that an individual from whom information is collected is generally aware of:

- the purpose for which the information is being collected
- if the collection of the information is authorised or required by or under any law, and
- whether the information will be passed on by the University to any other person, body or agency.

### Access to, Use of and Disclosure of Personal Information (Principle 2)

While the University is required to keep factual information about staff and students, access to that information (other than by the individual student or staff member in question) is limited only to staff who have a legitimate reason for its use. Similarly, QUT also recognizes the increased tendency to store records by electronic means. As with hard-copy files, the University will ensure that access to electronically-held records will be available only to staff members who have a legitimate reason to access the information.

A record containing personal information will be accessed and used only for the purpose for which it was collected. Similarly, the University or any member of its staff will not disclose a re-

cord that contains personal information to any other person or agency.

However, personal information may be accessed and used for other purposes, or disclosed to other persons or agencies where:

- the individual concerned has consented in writing;
- it is necessary to prevent or mitigate a threat to the life or health of the individual concerned or another person, or is in the clear interests of the individual (for example, to locate a telephone number or address of a student's or staff member's next-of-kin, should the person be involved in an accident)
- it is required or authorized by law;
- it is reasonably connected to the person's employment, or academic program;
- it is reasonably connected to the functions of the University (s.5, QUT Act 1998) (see MOPP Appendix 1(a)); or
- it is reasonably necessary for enforcement of the criminal law, or for imposing a pecuniary penalty.

• **Student assessment and publication of results**

As a right, students are allowed to request and obtain their own final marks and to peruse their own examination scripts or written answers to examination queries or other forms of assessment (see MOPP section E/8.7.1[2]).

Each semester, the University publishes students' results in the press and on University notice boards. Students who would prefer that their results are not published in the press or displayed by name on University notice boards have the right to request that their academic records remain confidential. The request to withhold results from public release remains in force until specifically revoked by the student.

**Security of Personal Information (Principle 3)**

The University will protect records containing personal information about past or present staff and students by implementing procedures to prevent against loss, unauthorised access, use, modification, disclosure, or other misuse.

**Access to and Amendment of an Individual's Own Records (Principle 4)**

Both staff members and students are entitled to view their own personal files. However, in some instances, for example, where a third party is mentioned in the file, access may be provided subject to the FOI Act, or other Act of similar purpose.

Similarly, where a staff member or student believes that material contained in their personal record is inaccurate, the individual may seek amendment of that material. Where a record is proven to be inaccurate or incomplete, an appropriate officer of the University may alter the record. In some instances, the procedures for amending information as set out in the FOI Act, or any other Act of similar purpose may be followed.

**Breach of Policy (Principle 5)**

Breaches of QUT's information access and privacy policy may be dealt with according to QUT Statute No 2 - Student Discipline (see MOPP Appendix 1(b)) or staff misconduct provisions in the relevant Award.

**DISABILITY SERVICES POLICY**

In accordance with QUT's equal opportunity policy (see MOPP section A/8.4), the University recognises its social and legal obligation to provide an accessible and inclusive environment for people with disabilities. QUT is bound by the *Commonwealth Disability Discrimination Act 1992* and the *Queensland Anti-Discrimination Act 1991*, under which the University can be vicariously liable for discrimination or harassment against a person with a disability by a member of staff or any of its agents.

This policy seeks to ensure equal opportunities for people with disabilities to participate in all aspects of University life, including education and employment. It is based on the philosophy of inclusion, which promotes strategies to develop a flexible work and study environment which is able to meet the needs of a diverse range of users.

The policy is accompanied by detailed operational guidelines available from the Equity Section, or from the Equity Section webpage (<http://www.qut.edu.au/admin/equity/>).

**Principles**

QUT is committed to the creation of an environment which promotes dignity, acknowledges the right to privacy and confidentiality, and cultivates an awareness of the needs and rights of people with disabilities.

In creating this environment, the University is guided by the following principles.

- Reasonable accommodations are to be provided for people with disabilities. It is the responsibility of the student or staff member to substantiate their eligibility for disability services.
- The needs of people with disabilities are to be assessed in consultation with them by the University's Disability Officer/s on an individual basis.
- Accommodations for people with disabilities will neither advantage nor disadvantage them in comparison to other people not receiving disability support services, but will be designed to ensure that people with a disability have equal access to employment or education.
- Any information in relation to a person's disability remains confidential, is not part of the person's open record of employment or academic progress, and will not be disclosed without prior written consent, except for statistical reports designed for monitoring and evaluation. (See MOPP section F/9.2 for policy on confidentiality of staff and student records).
- The University may seek information about a person's disability only insofar as it relates to the request for reasonable accommodation and/or the need for general accountability to funding agencies, policy development or monitoring and evaluation of policies and programs, including affirmative action programs for staff with disabilities.
- By law, access to work and study may not be limited on the basis of the cost of services and accommodations required, unless the adjustments would impose "unjustifiable hardship" on the University.
- People with disabilities should be able to access and negotiate each campus in safety and with ease.
- People with disabilities should have access to existing information networks (eg advertisements, publications, promotional material) in appropriate formats.

**Definitions**

• **Disability**

As outlined in the relevant legislation, a disability may be either temporary or permanent, total or partial, physical, psychological or psychiatric, life-long or acquired. Also included are people who require devices or aids for assistance, or are accompanied by guide dogs.

• **Reasonable Accommodation**

Reasonable accommodation refers to administrative, physical or procedural alterations required to ensure equal opportunity for a person with a disability.

• **Unjustifiable Hardship**

In some cases it may be unreasonable for the University to make certain adjustments. Relevant circumstances in determining unjustifiable hardship include:

- the nature of the benefit or detriment likely to accrue or be suffered by any persons concerned; and
- the financial circumstances of the institution and the cost of making the required adjustments.

A thorough understanding of the effect of the disability on the individual and the impact of any adjustment or alteration is required in order to determine whether such adjustments are reasonable and necessary. The relevant State and Commonwealth administrative bodies require detailed evidence to support a claim of unjustifiable hardship.

### Provisions

QUT's disability services policy makes the following provisions

#### • *Entry to Work and Study*

QUT does not discriminate on grounds other than academic and merit based criteria when considering applications for admission as a student or staff member.

#### • *Access to Academic Programs and Employment*

The University will endeavour to make all its academic programs, employment and development opportunities available to prospective students and staff members with a disability, consistent with the entry provisions above.

#### • *Support Services*

QUT has a wide range of support services available to all staff and students. The University recognises that students and staff with disabilities may require specialised assistance. Support services include note-takers, alternative formatting of learning material, participation assistants etc.

#### • *Adapting the Learning and Working Environment*

The University supports the practice of job re-design, workplace modifications and alternative teaching and assessment practices to enable a staff member or a student with a disability to fulfil the requirements of a particular position or academic course.

#### • *Creation of Employment/Study Opportunities*

The University aims to provide equal employment and educational opportunities and to implement affirmative action programs for equity groups (see MOPP section A/8.4). The University develops strategies to take full advantage of funding initiatives by Government agencies aimed at providing employment opportunities for people with disabilities, including its own graduates.

#### • *The Physical Environment*

The built environment should be accessible to people with disabilities. All new buildings are designed in accordance with the appropriate standards and codes. The University endeavours to improve access to older buildings which do not meet these standards.

#### • *Promotion of Disability Awareness*

All staff and students will be given the opportunity to acquire the understanding and skills necessary to meet the employment, educational and social support needs of people with disabilities.

#### • *Non-Discriminatory Presentation and Practice*

In accordance with QUT's policy and guidelines on inclusive language and presentation (see MOPP section A/8.7), the University will endeavour to ensure that all essential educational, administrative and promotional material is available in alternative formats for access by people with disabilities.

#### • *Community Service and Outreach*

The University has a responsibility to make its human and physical resources available in a manner which is responsive to the needs and aspirations of people with disabilities, unless to do so would cause unjustifiable hardship for the University.

#### • *Quality Assurance Measures*

The University is committed to the continued review of policy and procedures, and to the involvement of people with disabilities in matters that affect them. The University will actively seek to involve consumers in decision making, and develop quality assurance mechanisms to support this policy.

### AWARDS WITH HONOURS

This policy does not deal with honours programs which are end-on to a bachelor degree course (see MOPP section C/3.3.5).

In degree courses of four or more years, a degree with honours may be awarded to students who have recorded outstanding achievement in the four-year program. Degrees with honours are also awarded to students who have recorded outstanding achievement in a component of a double degree program where that component is a degree for which awards with honours are made (see MOPP section C/3.3.6).

First class honours, second class honours division A and second class honours division B may be awarded. Candidates for a degree with honours must fulfil the requirements for a pass degree and achieve a standard of proficiency in all course units as may from time to time be determined by the relevant faculty academic board and approved by University Academic Board.

Honours are awarded

- to indicate that students may appropriately proceed to higher degrees
- to encourage students to work consistently throughout a course
- to ensure that QUT students can apply equally for employment in competition with honours graduates from other institutions
- to ensure that QUT graduates are eligible for the same level of salary on commencement as graduates from other institutions
- to enable QUT graduates to compete equally for scholarships.

### EQUAL OPPORTUNITY POLICY

QUT Council is committed to a policy of equal opportunity and freedom from all forms of discrimination as determined by legislation or by Council. The policy is issued on the basis that it is fair and just and contributes to the fulfilment of QUT's mission and goals.

In fulfilling this policy, the University aims to:

- promote the development of a University culture supportive of equity principles;
- ensure all of its management and educational policies and practices reflect and respect the social and cultural diversity contained within the University and the community it serves;
- ensure that the appointment and advancement of staff and admission and progression of students within QUT are determined on the basis of merit;
- provide equal employment and educational opportunities within QUT and identify and remove barriers to participation and progression in employment and education, and implement an affirmative action program for equity groups;
- eliminate unlawful discrimination against staff and students on the grounds of sex, marital status, pregnancy, breastfeeding, race, age, parenthood, physical, intellectual and mental impairment, religious belief, lawful sexual activity, trade union activity, criminal record, social origin, medical record, nationality, political belief or activity; and
- comply with state and federal legislation on discrimination, equal opportunity and affirmative action and binding international human rights instruments.

The Vice-Chancellor, through the Registrar and the management of the University, is responsible for implementation of this policy. The Registrar is assisted by the Equity Coordinator.

QUT expects all staff, students and members of the University community to act in accordance with this policy.

## POLICY ON INCLUSIVE LANGUAGE AND PRESENTATION

Under its equal opportunity policy (1993), QUT aims to ‘provide equal employment and educational opportunities within QUT and identify and remove barriers to participation and progression in employment and education.’

To this end, QUT supports a policy of inclusive language and presentation in all administrative and academic activities of the University. This means that QUT will:

- actively promote the use of inclusive language and presentation by staff and students in all QUT documents and materials, both written and otherwise;
- actively promote the use of inclusive texts and materials in all QUT teaching and presentations;
- works towards the elimination of demeaning or discriminatory language and visual representations at QUT;
- take active steps to ensure that all staff and students are aware of their responsibilities under the policy, and take appropriate action to assist staff to comply; and
- develop and maintain a procedure for resolving complaints of demeaning or discriminatory language and presentation.

For the purpose of this policy:

- **inclusive language and presentation** positively reflects the richness of the social and cultural diversity of Australian society and the QUT community by embracing the lifestyles, experiences and values of all groups of people; and
- **discriminatory language and presentation** devalues or demeans people or groups of people by harassing them, highlighting individual characteristics in an offensive or prejudicial manner, or by excluding them.

QUT recognises that use of inclusive language and presentation in all activities will assist in the University’s mission to bring the benefits of teaching, research and learning to the community.

### Responsibilities

QUT expects all staff, students and other members of the University community to act in accordance with this policy.

Deans, heads of division and Chancellery are responsible for ensuring that their staff and, where applicable, students comply with this policy.

## SUPPLEMENTARY ASSESSMENT

Supplementary assessment is provided to facilitate the course completion of students and will therefore only be granted to students whose current enrolment would satisfy the requirements for graduation.

Students may be granted:

- up to two supplementary assessments in the final year of study, at the faculty’s discretion, for coursework programs of three or more years full-time duration or equivalent; and
- one supplementary assessment in the final semester of study, at the faculty’s discretion, for coursework programs of less than three years full-time duration or equivalent (this includes students enrolled in a QUTIC diploma).

Supplementary assessment is not a reassessment of the student’s overall grade or the mark for an individual assessment item. It is a new item of assessment designed to assist students to complete requirements for their qualification, and is thus available for units undertaken in the final semester or year of study (as applicable).

Faculty academic boards are responsible for determining eligibility for supplementary assessment at the time that examination results are considered. Faculty academic boards will be guided by advice from the relevant school(s) as to whether, given the student’s grades for the unit(s) and the nature of the unit(s), it is possible for the student to achieve a passing standard through supplementary assessment.

The form and type of supplementary assessment is at the discretion of the faculty, which will ensure that academic standards are maintained.

Supplementary assessment should only be provided when a student receives:

- a grade of 3 in a unit where a 4 is required for course completion;
- a grade of 2 in a unit where a 3 is required for course completion.

Supplementary assessment will not be granted:

- to students enrolled in designated units listed in the QUT Handbook;
- to students who have been graded 1 low fail or K withdrawn failure.

Students who are not granted supplementary assessment but believe they are entitled to supplementary assessment may request a review of the decision under the University’s procedures for reviews of academic rulings (see MOPP Chapter E/9.1 for details of these procedures).

The only grades that will be recorded following supplementary assessment are S3 (pass supplementary) and S2 (fail supplementary).

## POLICY ON SMOKING

Given the proven health risks of smoking, QUT is moving towards making the University a smoke-free environment. To this end, smoking is prohibited on all campuses other than in designated smoking areas.

Smoking is also prohibited in QUT vehicles.



# Built Environment and Engineering

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## OVERVIEW

The Faculty of Built Environment and Engineering uses innovative teaching and learning methods, which provide opportunities to develop sound communication, technological and management skills. This equips graduates for careers in the 'real world'.

The faculty promotes practical teaching and leadership in applied research that directly benefits industry, the professions, and the community. Our academic staff offer a combination of experience in professional practice and qualifications in advanced postgraduate research. Postgraduate coursework and research programs are designed to provide you with practical 'real world' expertise.

The faculty is comprised of five schools, two of which offer courses in Built Environment, Design Surveying, and three schools which offer courses in Engineering. All five schools maintain an active association with industry and professional associations, and offer a unique opportunity for cross-disciplinary interaction.

The **School of Design and Built Environment** comprises six disciplines, the combination of which is unique in Australia:

- Architecture
- Interior Design
- Industrial Design
- Urban and Regional Planning
- Landscape Architecture
- Surveying

As well as these six disciplines there is a sub-discipline of Urban Design.

This combination allows the School to pursue interdisciplinary teaching, research and community service. There are approximately 1600 students across all disciplines in undergraduate and postgraduate studies and research. The School delivers programs aimed at producing graduates who will undertake careers in the various design professions.

The **School of Civil Engineering** has a reputation for training first-class civil engineers. The school maintains a consistently high standard of teaching, fosters industry involvement, and stays at the forefront of the profession through an active research program. Graduate engineers are conversant with all the technical aspects of their profession, and possess communication skills, management expertise, and ethical judgement.

The **School of Construction Management and Property** offers programs of professional education for construction, property, quantity surveying and project management professionals and researchers. The school's courses lead to professional qualifications in the construction and property industries, which is one of Australia's largest employers.

The **School of Electrical and Electronic Systems Engineering** is the largest electrical engineering school in Queensland.

Courses provide students with a broad technical education and develop essential skills in electrical, electronic, computer and avionics engineering. Graduates are immediately employable in a very diverse range of organisations and industries.

The **School of Mechanical, Manufacturing and Medical Engineering** offers a range of innovative study programs that have been tailored in response to the challenging demands of industry and the profession. Graduates of these programs are highly sought after by industry, both nationally and internationally. The School's courses offer a balance of theory and 'hands on' experience and offer a choice of an 'in-house' or industry project to provide students with the opportunity to gain a headstart with experience in a real world working environment before graduation.

The faculty also offers three undergraduate double degrees in Electrical and Computer Engineering/Mathematics; Electrical and

Computer Engineering/Business; and Electronic Engineering/Information Technology.

Postgraduate research opportunities are available in a broad range of areas through the following research areas and cooperative research centres.

### Research Areas

- Australian Housing and Urban Research Institute (AHURI)
- Building and Infrastructure Systems
- Design
- Construction Management and Property
- Energy
- Asset Management and Maintenance
- Medical Engineering
- Product Design and Manufacturing
- Speech, Audio, Image and Video Technologies
- Sustainability in the Natural Environment
- Transportation Systems

### Cooperative Research Centres

- Construction Innovation
- Railway Engineering and Technologies
- Renewable Energy
- Satellite Systems

## SENIOR STAFF

*Dean:* Vacant

*Assistant Dean, Teaching and Learning:* W. Boles, BSc Egypt, MSc U of Pitt USA, PhD GradCertEd QUT, MIEEE

*Assistant Dean, Research:* J. Bell, BSc(Hons) Syd., PhD NSW

*(Acting) Assistant Dean, Student Services:* K. Oloyede, PhD DIC Imperial College London, MNSc, MAAS, MNY Acad Scie.

*Faculty Administration Manager:* M. Parker, DipTch Kedron Park, BBus(PubAdmin) MPubPolicy QUT

### School of Design and Built Environment

*Head:* Professor J. Hockings, BArch(Hons), PhD Qld, FRAIA

*Professors:*

H. Armstrong, BSc Syd, GradDipLA, MLArch NSW, AAILA

*Associate Professors:*

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J.M. Franz, BAppSc(BlEnv) QIT, DipTeach TAFE, MEdSc Qld, PhD QUT, MDIA RegTeach (Qld)

P. Heywood, BA(Hons) Oxf., DipTP Manc., MRTPI, FRAPI, LGP(Qld)

V. Popovic, DipEngArch Belgrade, MFA (Industrial Design) Ill., PhD Syd., FDIA, MHFS, MAES, MDRS

S. Savage, BArch (Hons) MArch Qld, DipAdultVocEd Griffith

### School of Civil Engineering

*Head:* Professor R.J. Troutbeck, BE (Hons) MEngSc Melb, PhD Qld, FIEAust, MITE

*Professors:*

D.P. Thambiratnam, BScEng(Hons) Ceyl, MSc PhD Manit., FICE, FIEAust, FASCE, CPEng

L. Ferreira, BSc Lond MSc Westminster, PhD Leeds, FIEAust, FCIT

M. Mahendran, BScEng(Hons) Moratuwa, PhD Monash, MIEAust, CPEng

### School of Construction Management and Property

*Head:* Professor A.C. Sidwell, BSc(Hons) Heriot-Watt, PhD Aston, MCIOB, ARICS, FAIB, FAIQS, FIEAust

*Professors:*

T.P. Boyd, MSc(BldgMan), PhD QUT, AAPI (CPV), ANZIV, SNZPI, MIV(SA)

R.M. Skitmore, MSc, PhD *Salford*, FRICS, MCIQB, FAIB, AAIQS

### School of Electrical and Electronic Systems Engineering

*Head:* Professor A. Maeder, BSc Natal, BSc(Hons) *Witw.*, MSc *Natal*, PhD *Monash*, MIEEE, SMIEEE, FIEAust, MACM, MACS, CPEng

#### *Professors:*

B. Boashash, BE *Lyon*, MSc PhD *InstNatPoly Grenoble*, SMIEEE, FIREE, FIEAust

M.P. Moody, BE(Hons) BA MEngSc PhD *Qld*, FIEAust, FIREE, SMIEEE, MACE, MAES, RPEQ, CPEng

#### *Chair in Electricity Asset Management:*

Professor G. Ledwich, BE(Hons) *Qld*, PhD *Newcastle*, FIEAust, SMIEEE

#### *Chair in Telecommunications:*

Professor S. Sridharan, BSc(Eng) *Ceyl.*, MSc *Manc.*, PhD *NSW*, PhD *Berlin*, MIEAust, CEng, MIEE, SMIEEE, CPEng

#### *Associate Professors:*

D. Birtwhistle, BEng(Hons) MSc *Brad.*, PhD *Syd.*, FIEAust, MIEE, CEng, CPEng

W. Boles, BSc *Assiut*, MSc PhD *Pitt*, GradCertEd *QUT*

M. Deriche, DipIng(Elect) *Algeria*, MSc PhD *Minn.*, MIEEE

### School of Mechanical, Manufacturing and Medical Engineering

*Head:* Professor J. Mathew, BSc(Eng) *Manc.*, PhD *Monash*, MIEAust, MAAS, MASME, FIDE(UK)

*Professor of Biomedical Engineering:* M.J. Percy, BSc *Brist.*, CEng, CPEng(Biomed) PhD *Strath*.

#### *Associate Professors:*

J.M. Bell, BSc(Hons) *Syd.*, PhD *NSW*

D.J. Hargreaves, BEng *QIT*, MSc, PhD *Leeds*, CPEng, FIEAust, MSTLE, MASSCT, Fuchs Chair in Tribology

## RESEARCH CENTRES

### Research Areas

#### *Australian Housing and Urban Research Institute (AHURI)*

The Institute is a consortium of the CSIRO Division of Building, Construction and Engineering; Queensland University of Technology; the University of Queensland; Monash University and Royal Melbourne Institute of Technology (RMIT). At QUT, AHURI is a designated collaborative research centre with interests across a number of faculties and schools. Its broad objective is to conduct research into issues in housing and urban fields in Australia and the Asia-Pacific region.

Dr J Minnery, BSc(Hons) *Cant*, PCE *Lond*, GradDipTP *Wits*, MPubAdmin PhD *Qld*, FRAPI, MIPAA, FAIUS

#### *Building and Infrastructure Systems*

The Building and Infrastructure Systems program undertakes world-class research in collaboration with industry, government and profession to strengthen the nation's building and infrastructure systems. It builds on the existing track record in the proposed field of research. Research concentrates on investigating the performance of existing and new building and infrastructure systems under realistic structural and environmental loadings including those due to natural, accidental and man-made hazards. It uses smart materials, systems and technologies, and advanced computer analysis and test methods to assess and improve the performance of existing and new building and infrastructure systems.

#### *Design*

The Design program conducts research in the design disciplines located in the Faculty of Built Environment and Engineering but

linked as well to related design fields in the Faculty (e.g. mechanical/manufacturing/medical engineering, transport, engineering, structures and designs, electronic systems and the digital design, informatics environment) and across the wider university community (e.g. Creative Industries, Human Services).

#### *Construction Management and Property*

This research program makes contributions to improved practice in the specific areas of international project management, construction and property performance, construction information and procurement technologies, and property market choice, investments, constraints opportunities, internationalisation, taxation, lifecycles, risk and culture.

#### *Energy*

The integrated development of research into energy production, transport and utilisation is critical for development of national infrastructure and policy. Solid analysis and targeted solutions to problems will be the main outcomes from this research program. Some of the key areas addressed are greenhouse gas abatement (through efficiency and renewable energy systems) and improved asset utilization for a key infrastructure.

#### *Asset Management and Maintenance*

The Asset Management and Maintenance program focuses on innovative industry-directed research and development, education and commercialisation in an integrated approach to life-cycle physical asset management to meet present and future needs to ensure international competitiveness and sustainability of Australian industry. The overall research program will be focused on five main industry sectors, Defence, Water and Waste, Power Generation and Distribution, Extraction and Process and Transport Infrastructure.

#### *Medical Engineering*

This program aims to engender sustainable improvements in quality of life through the innovative application of new and emerging technologies, which will not only help reduce the economic burden of healthcare provision, but also generate wealth for the nation through the stimulation of local industry. The areas of expertise are Biodynamics, Image Acquisition and Analysis, Monitoring and Signal Processing, Tissue Engineering, and Tissue Mechanics.

#### *Product Design and Manufacturing*

The product design and manufacturing program comprises leading researchers conducting world-class research on product design, micro-machining, rapid prototype manufacturing, product development, modeling of manufacturing processes leading to a new concept of rapid product development. This program is designed in such a way that it meets the requirements of Queensland manufacturing.

#### *Speech, Audio, Image and Video Technologies*

This program conducts internationally competitive research in order to solve practical problems through the application of speech, audio, image and video technology to products and processes. Research focuses on state-of-the-art speech, audio and video technologies including speech/speaker recognition and personal identification technologies for forensic and security applications; speech coding for storage and communication; speech synthesis for voice response systems; audio compression for broadcasting, television and Internet applications; video compression and image recognition and restoration.

#### *Sustainability in the Natural Environment*

The research program for Sustainability in the Natural Environment undertakes cutting-edge multidisciplinary research pertaining to the water cycle, adopting a holistic approach, to meet essential industry and society needs, to advance best practice in the water environment, to promote industry commitment to sustainability and to train high-quality researchers.

**Transportation Systems**

The aim of this program is to focus research effort in the freight & logistics area with an emphasis on multimodal transportation systems. The program builds on the established track record in applied research in the areas of road and rail based transportation systems. Main research areas include: freight vehicle impacts; freight & logistics e-business systems; freight corridor evaluation analysis; ITS applications in freight & logistics; emissions modelling; transit evaluation methodologies; rail track modelling and analysis; and intermodal terminal planning and operations.

**Cooperative Research Centres (CRC)****CRC for Construction Innovation**

The Centre aims to create and commercially exploit tools, technologies and management systems to deliver innovative constructed assets of financial, environmental and social benefit to the community. The centre combines basic research with strategic research and development in five related programs: virtual environments for lifecycle design and construction; construction project delivery strategies; environmental sustainability; integrated design and construction support systems; and management, adaptability and the future of built assets.

Associate Professor Janelle Allison, BA(Hons) MRegSc *Qld*, GradDipLib&InfSys *Riverina*, PhD *QUT*

**CRC for Railway Engineering and Technologies**

The Centre aims through research to develop an internationally competitive, efficient and sustainable rail industry and to facilitate the development of an Australian export industry in railway technologies. Benefits will flow in terms of improved rail efficiency and infrastructure capacity, energy savings, reduced maintenance cost and better asset utilisation. Main research areas include: 'Smart train' intelligent systems; innovative/automated maintenance and upgrading technologies; optimal traffic control and scheduling; IT systems and standards for rail management; new materials, systems and components for railways; and industry skills development (education and training).

Professor Luis Ferreira, BSc *Lond*, MSc *Westminster*, PhD *Leeds*, MIEAust, MCIT

**CRC for Renewable Energy**

The Australian Centre for Renewable Energy concentrates on optimizing the efficiency of energy use in building, specially optimizing the energy efficiency of building materials. At QUT its areas of expertise include building energy modeling; energy use in buildings; advanced glazing materials; daylighting systems; and grid-connected renewable energy systems.

Associate Professor John Bell, BSc(Hons) *Syd*, PhD *NSW*

**CRC for Satellite Systems**

The CRCSS is a joint government/industry/university venture to develop space expertise within Australia. The Queensland node is part of the CRC for Satellite Systems and contains two major groups, namely the Navigation Group and the High-Performance Computing

Group. The Centre is responsible for the provision of global positioning system receivers and reconfigurable computer systems.

Professor Miles Moody, BE(Hons) BA MEngSc PhD *Qld*, FIEAust, FIREE, SMIEEE, MACE, MAES, MASSTA, RPEQ, CPEng

## ■ Course Requirements and Notes Relating to Postgraduate Courses

### Course Progression

It is important that students follow as normal a progression through their courses as possible. Units should be taken in an orderly sequence as set out in published course structures. Units failed should be picked up in the next semester they are offered. Prerequisite units must normally be passed before a student may proceed to a further unit which has the prerequisite so specified. The course coordinator should be consulted regarding variations from the course structure. This is considered to be a major concession. Students who have failed units or have doubts about having the necessary background to proceed should seek the advice of the course coordinator.

### Supplementary Assessment

It is not normally faculty policy to grant supplementary examinations. However, at the discretion of the Dean of Faculty, supplementary or further assessment may be permitted in cases where a student is near to the completion of their course.

In such cases it is normal policy to award an 'A' (Result Unfinalised) and to give the student further assessment. Following satisfactory completion of this further assessment, the highest grade which may normally be awarded is a grade of S3 (Pass Conceded).

### Awards With Distinction

Awards 'with distinction' may be awarded to graduands of graduate diploma courses undertaken in the Faculty of Built Environment and Engineering. Candidates for a graduate diploma 'with distinction' must fulfil the requirements for a pass degree and achieve a standard of proficiency in all course units as may from time to time be determined by the Faculty Academic Board and approved by the University Academic Board.

### Eligibility for 'With Distinction'

Eligibility for awards 'with distinction' is not affected by the time taken to complete a course. However, to be eligible for such an award, a graduand must have completed the course within the maximum number of calendar years specified in the policy on time limits for completion of courses (see Rule 2(19) in the student rules section).

### Personal Protection Equipment (PPE) Policy

Protective equipment refers to safety glasses/goggles, hearing protection, safety boots, gloves and similar items. While all care is taken to reduce the risks to which students are exposed, protective equipment will be required to be worn in some practical sessions and field excursions. Students are required to wear PPE where and when it has been made clear that it is needed. Students are required to provide certain PPE as indicated by each school within the faculty.

Students enrolled in units specified by the School of Civil Engineering will be required to wear safety shoes for most laboratory practicals and/or field trips. Students not wearing appropriate safety shoes on these occasions will be barred from (i) participating in activities in these units, and (ii) submitting any assessment associated with these activities. Hard hats will be supplied by the School of Civil Engineering, as required. Students **must** provide their own safety shoes, safety glasses/goggles and hearing protection equipment.

## ■ Doctor of Project Management (CN89)

**Award title:** Doctor of Project Management

**Location:** Gardens Point

**Course duration (full-time):** 3 Years

**Total credit points:** 288

### Entry Requirements

A first/upper second honours degree.

or

a Masters degree by research or course work

plus

significant project management experience (minimum 5 years).

### CN89 - Course structure

#### Year 1, Semester 1

Knowledge and IT Management

Knowledge and IT Management Reflective Learning

#### Year 1, Semester 2

Construction Project Procurement and Ethics

Construction Project Procurement and Ethics Reflective Learning

Research Preparation 1

#### Year 1, Summer Semester

Research Preparation 2

#### Year 2, Semester 1

Project Management Leadership

Project Management Leadership Reflective Learning

#### Year 2, Semester 2

Elective

Elective Reflective Learning

Research Preparation 3

#### Year 2, Summer Semester

Research Preparation 4

#### Year 3, Semester 1

Advanced Project Management Research 1

#### Year 3, Semester 2

Advanced Project Management Research 2

## ■ Master of Applied Science (Research) (BN71)

**Award title:** Master of Applied Science (Research)

**CRICOS code:** 003462A

**Location:** Gardens Point

**Course duration (full-time):** 1 Year (minimum), 2 years (maximum)

**Course duration (part-time):** 2 Years (minimum), 4 years (maximum)

### Overview

From this research degree you acquire advanced knowledge of applied science research methods, applied to research problems in the built environment. As well as mastering relevant techniques, you can expect to develop high-level skills in investigation and critical thinking and extensive knowledge in a specialist area. Specialisations are available in Architecture, Interior Design, Industrial Design, Construction Management, Quantity Surveying, Property Economics, Project Management, Planning, Landscape Architecture and Surveying. Our Faculty staff are available to discuss your application with you. You are encouraged to approach them early in the development of the research proposal that forms part of your application.

### Fees

Australian students enrolling after August 31 2000 in a higher degree by research are subject to the conditions of the Commonwealth Government's Research Training Scheme (RTS). Research Students who enrol at QUT will be awarded an RTS place, which is funded by the Commonwealth, or a QUT Research Training Award Scheme (RTA) place, which is a fee remission scholarship.

Research Masters students are entitled to two years full-time equivalent study under these schemes. Students who exceed this entitlement may apply to QUT for an extension, however the

University may charge fees for the period of the program which exceeds the student's entitlement. The University determines the fee level.

## 2 - Registration

2.1 Applications shall be accepted subject to the availability of facilities and supervision.

2.2 Applications may be lodged with the Registrar at any time.

2.3 There is a six-month maximum period for domestic students and nine months for international students, between acceptance by the Faculty Research Committee and enrolment by the candidate in the Master of Applied Science (Research) or Master of Engineering before the offer of admission to the program lapses. Candidates are required to complete an enrolment form each semester.

### *A Note Regarding Enrolment*

The Faculty and Student Services are to be advised of any changes to name, address or other personal details. Application to vary any aspect of the candidacy must be made in writing directly to the Faculty Research Committee for Built Environment and Engineering and be endorsed by the principal supervisor.

2.4 The minimum academic qualifications for admission to the Master of Applied Science (Research) or Master of Engineering are:

- a four-year degree in an appropriate discipline in which the candidate has received at least second class Honours from the Queensland University of Technology, or
- a qualification judged equivalent by the Faculty Research Committee, or
- a grade point average of 5.0 or better in a graduate diploma program, in a relevant discipline, together with demonstrated potential for further study and/or evidence of professional standing, or
- a grade point average of 5.0 or better in a coursework masters degree program in a relevant discipline, together with demonstrated potential for further study and/or evidence of professional standing.

An applicant for the Master of Applied Science (Research) or Master of Engineering program without the minimum entry requirement may present a case for admission based on the submission of evidence of qualifications which demonstrate the applicants capacity to pursue the course of study.

The case may be based on the following:

- (a) three years professional experience in the general field in which the proposed work lies, or
- (b) satisfactory completion of an appropriate Masters qualifying program including formal coursework and/or reading program in related fields stipulated by the Faculty Research Committee, or
- (c) the submission of technical publications or other appropriate evidence which satisfies the Faculty Research Committee that advanced knowledge has been acquired in a branch of applied science relevant to the built environment or a division of engineering in which the applicant has worked as a professional practitioner in a position of responsibility. This knowledge should be relevant to the field of study proposed.

2.5 A candidate will be eligible to be registered as a graduate student if they are considered by Faculty Research Committee to meet the requirements for entry.

2.6 A candidate shall receive confirmed registration as a graduate student when they:

- have satisfied the requirements for admission and achieved by work and study a standard recognised by Faculty Research Committee, or
- have satisfied Faculty Research Committee that they are a suitable person to undertake the program, and

- have satisfied Faculty Research Committee that they can devote sufficient time to the research and study.

2.7 In considering an applicant for registration, the Faculty Research Committee shall, in addition to assessing the applicants suitability, be satisfied that:

- the proposed program is relevant to the aims and objectives of the University
- the proposed program has relevance to the needs of society or industry, and
- adequate resources are available to support the proposed program.

2.8 An application for registration should set out systematically and fully the candidates intended course of study including the following:

- a description of the area of study within which the candidates course lies
- a summary of the work to be undertaken, the proposed title of the thesis to be written, the aim of the proposed program, its background, the significance and possible application of the research program, and the research plan
- the location at which the work will be undertaken, the amount of time which will be devoted to it and the resources required
- details of academic qualifications and supporting evidence, including copies of results for each year of courses undertaken
- a brief account of industrial experience
- a list of publications
- sponsorship details
- statement of approval by Head of School and/or Postgraduate Research Coordinator, and
- any other relevant material.

2.9 The program is offered on a full-time or a part-time basis and may be undertaken externally. Part-time students normally will be employed in some professional capacity during the day and carry out their research projects on a part-time basis at QUT, in their place of employment or in a sponsoring organisation.

2.10 Full-time students may be on a scholarship from industry or QUT, and may carry out their research at QUT or in a sponsoring organisation. Normally full-time students would be expected to work on their research projects at QUT for not less than three-quarters of a normal working week, averaged over each year of candidacy. Such a candidate may not devote more than 300 hours annually to teaching activities, including preparation and marking.

2.11 A candidate may be based at QUT or at a place of employment or sponsoring institution. Normally, support of the sponsoring institution for the candidate's application is required for registration. A candidate may also be external where their residence is outside of Brisbane.

2.12 The Faculty Research Committee may cancel a candidate's registration if, after consulting a candidate's supervisor and having taken account of all relevant circumstances, the committee is of the opinion that the candidate either has effectively discontinued their studies or has no reasonable expectation of completing the course of study within the maximum time allowed (see Section 4).

2.13 A candidate whose registration has lapsed or has been cancelled, and who wishes subsequently to re-enter the course of study to pursue a research program which is substantially the same as the previous investigation may be re-admitted under such conditions as the Faculty Research Committee shall prescribe.

## 3 - Course of Study

3.1 A candidate for the degree of Master of Applied Science (Research) or Master of Engineering will undertake a program of research and investigation on a topic approved by the Faculty Research Committee.

3.2 All projects should be supported by outside agencies such as industry, government authorities and professional organisations, or by QUT itself. This provision is to ensure that programs are relevant to the aims of the University and the community. It is important that projects be primarily directed towards society or industry need.

3.3 The program must be such as to enable the candidate to develop and demonstrate a level of scientific competence significantly higher than that expected of a first degree graduate. The required competence normally would include mastery of relevant techniques, investigatory skills, critical thinking, and a high level of knowledge in the specialist area.

3.4 Where advised, a candidate may be required to complete satisfactorily a program of formal coursework in subjects relevant to the field of study up to a total class contact of 32 credit points.

3.5 The course of study normally will include:

- participation in University scholarly activities such as research seminars, teaching and publication
- regular face-to-face interactions with supervisors, and
- a program of supervised research, design, investigation, development, construction, or any combination thereof.

The course of study may also include a program of assessed coursework.

3.6 Coursework at masters level demands a capacity for critical analysis and a specialisation of research interests not normally appropriate for an undergraduate program. Such coursework may be conducted in a number of ways:

- as advanced lecture courses
- as seminars in which faculty and candidates present critical studies of selected problems within the subject field
- as independent study or reading courses, or
- as research projects conducted under faculty supervision.

Candidates will be encouraged to attend conferences where these are related to the field of the research.

In all cases, coursework will be based upon a formal syllabus setting out the educational outcomes expected from the course, a list of topics to be covered, the prescribed reading material and the method of assessment of progress through and at the end of the course.

3.7 Maximum and Minimum Coursework Requirements:

Thesis - 96 credit points minimum (at least two-thirds of the degree content)

- Maximum coursework requirement - 32 credit points
- Minimum coursework requirement - 4 credit points - IFN001 Advanced Information Retrieval Skills
- Maximum of 16 credit points per semester for each semester of the program
- Additional Requirements:  
Attendance and participation in School of Research Centre seminars/workshops (compulsory).  
Students must contact the Postgraduate Research Coordinator in their School to finalise any other coursework component of their program.

#### 4 - Period of Time for Completion of Course of Study

4.1 The duration of study will normally be a minimum of one year and a maximum of two years or the part-time equivalent.

4.2 In order to encourage completion of research degrees within a reasonable timeframe, QUT has set a limit of two years on the length of time for which it will fund a faculty for full-time research masters degree candidates.

4.3 A registered full-time graduate student shall present the thesis for examination after a period of at least one year but not more than two years has elapsed from the time of confirmed registration. A registered part-time graduate student shall present the thesis for examination after a period of at least two years. The

maximum time is four years from the time of confirmed registration. In special cases the Faculty Research Committee may approve a shorter period.

4.4 Time limits are measured in years from the time of first registration as a graduate student. Periods of exclusion or absence without approval are included.

4.5 Candidates who exceed these limits may be asked to show cause why they should not have their registration in the program terminated. Such candidates must make formal application to the Faculty Research Committee to have their registration extended beyond the normal time. Details of the candidate's progress shall be presented to the committee together with the reasons for the delay in completing the course and the expected date of completion. Where the committee agrees to an extension, a time limit will be set for the maximum period of registration in the program.

4.6 Candidates are notified of termination by registered mail. They have right of appeal to the Academic Appeals Committee.

#### 5 - Supervision

5.1 The Faculty Research Committee shall appoint at least one supervisor the principal supervisor and also at least one associate supervisor. Each member of the supervisory panel shall bring appropriate expertise in the research area of the student.

5.2 The Principal Supervisor shall normally be from the academic staff of the QUT school in which the candidate is enrolled.

5.3 The Supervisory Panel shall supervise all aspects of the candidate's work program, shall receive reports from the candidate on progress and shall recommend to the Faculty Research Committee both on successful and unsuccessful completion of components of the coursework incorporated in the candidate's program, on progress on the thesis research project and on continued enrolment.

5.4 The Supervisory Panel shall receive a formal oral and written report from the candidate at least once every semester on progress on the research project.

5.5 Summary of Faculty Supervisory registration process: To ensure that students receive appropriate supervision from experienced supervisors and active researchers the Faculty has introduced a Supervisors Register which requires registered supervisors to demonstrate performance in three areas:

- (a) Practice - previous supervisory experience of a least five years.
- (b) Research - evidence of active research through grants and publications
- (c) Continuous development

#### 6 - Place and Conditions of Work

6.1 The research program will normally be carried out under supervision in a suitable environment within Brisbane. However, external study is possible. External candidates will be required to spend a minimum of four weeks at QUT annually.

6.2 The Faculty Research Committee shall not admit a candidate to a program of research based at the University unless it has received:

- a supporting statement from the Head of the QUT School and/or Postgraduate Research Coordinator in the School in which the study is proposed indicating that, in their opinion, the applicant is a suitable person to undertake a research program leading to the masters degree, that the program is supported, that the school is willing to undertake the responsibility of supervising the work of the applicant and that resources are available to support the proposed research.

6.3 The Faculty Research Committee shall not admit a candidate to a program of research based at a sponsoring establishment unless it has received:

- a supporting statement from the employer or director of the sponsoring institution that they are aware of the course rules

and are prepared to sponsor and support the applicant, that the applicant will be provided with facilities and time to undertake the research project and that they are willing to accept responsibility for supervising the applicant's work, and

- a supporting statement from the head of the QUT school or Postgraduate Research coordinator in which the study is proposed indicating that, in their opinion, the applicant is a suitable person to undertake a research program leading to the Masters degree, that the program is supported, and that after examination of the proposed external facilities and supervision, the school is willing to accept the responsibility of supervising the work.

## 7 - Thesis

7.1 In the form of presentation, availability and copyright, the thesis shall comply with all the requirements of the document Requirements for Presenting Theses (Appendix 51 in the Manual of Policies and Procedures).

7.2 A candidate shall submit the title of their thesis for approval by the Faculty Research Committee with their application, and after approval has been granted, no change will be made except with the permission of the committee.

7.3 The candidate shall give two months' written notice of intention to submit their thesis through the Principal Supervisor.

7.4 The thesis shall comply with the following requirements:

- a significant proportion of the work described (as determined by the Faculty Research Committee) must have been carried out subsequent to initial registration for the Masters degree.
- it must describe a program of work carried out by the candidate and must involve either an advanced contribution to the knowledge of the subject or an advanced application of existing knowledge.
- it must reach a satisfactory standard of literary presentation.
- it shall be the candidate's own account of the work. Where work is carried out conjointly with other persons, the Faculty Research Committee shall be advised of the extent of the candidate's contribution to the joint work.
- the thesis shall not contain as its main content any work or material which the candidate has previously submitted for another degree or similar award.
- the thesis may consist primarily of reports, plans and/or documents or may be supported by these if they have a bearing on the subject of the thesis. Other supporting documents such as published papers may also be submitted with the thesis.
- the thesis shall contain an abstract of not more than 300 words.

7.5 Except with the specific permission of the Faculty Research Committee, the thesis must be presented in the English language. Such permission must be sought at the time of application for registration, and will not be granted solely on the grounds that the candidate's ability to satisfy the examiners will be affected adversely by the requirement to present the thesis in English.

7.6 Subject to QUT's Intellectual Property policy, the copyright of the thesis is vested in the candidate.

7.7 Where a candidate, supervisor or the sponsoring establishment wishes the thesis to remain confidential for a period of time after completion of the work, application for approval must be made to the Faculty Research Committee when the thesis is submitted. The period normally shall not exceed two years from the date on which the examiners recommend acceptance of the thesis, during which time the thesis will be held on restricted access in the QUT Library.

7.8 Except where confidentiality of the thesis is necessary, students shall submit their thesis electronically after completion of the examination process and any corrections required to the QUT Library for inclusion in the Australian Digital Thesis Project.

## 8 - Examination of Thesis

8.1 The Faculty Research Committee shall appoint two examiners, at least one of whom shall be from outside of the University. No supervisor of the candidate shall be appointed as one of the examiners.

8.2 Normally, examiners must agree to read and report upon the thesis within two months of its receipt.

8.3 A candidate may be required to make an oral defence of the thesis.

8.4 On receipt of the reports from the examiners, the Faculty Research Committee shall:

- recommend that the thesis be accepted without modification, and to Academic Board that the candidate be awarded the degree, or
- recommend to Academic Board that the candidate be awarded the degree, after any minor amendments requested by the examiners have been made, or
- recommend that the thesis not be accepted until major revisions have been made. Such revisions might be rewriting one of the sections, with or without additional work, or
- not accept the thesis and terminate the candidate's registration.

8.5 If the examiners' reports are conflicting, the Faculty Research Committee may, after appropriate consultation with the Thesis Panel, resubmit the thesis to the examiners with copies of the examiners' reports and/or seek the advice of a further external examiner. After due consideration of further reports from the examiners, a majority decision will be accepted by the Faculty Research Committee.

## ■ Master of Built Environment (Urban Design) (DB73)

**Award title:** Master of Built Environment

**CRICOS code:** 003475G

**Location:** Gardens Point

**Course duration (full-time):** 3 Semesters incl Summer Semester

**Course duration (part-time):** 5 Semesters

**Total credit points:** 144

**Course coordinator:** Dr Danny O'Hare

### Entry requirements

Applicants are considered initially for acceptance in the Graduate Diploma in Urban Design. At the completion of 48 credit points students will be considered for articulation to the Master of Built Environment (Urban Design). Subject to a grade point average of 5.0 or better in the course.

Applicants may be granted provisional entry to the Graduate Diploma courses with a modified enrolment program on the basis of alternative academic or professional attainments. Some applicants may be required to undertake a qualifying program to develop design literacy and graphic skills. A three-module full fee paying Summer unit is normally available for this purpose. Computer Literacy is also required.

### Focus in the Masters Program

The masters program includes skills and knowledge development through set coursework in common with the Graduate Diploma in Urban Design, but also requires individual research and the writing of a dissertation. An urban Design Master Studio is conducted over the Summer Semester.

### Course Requirements

Students must complete a minimum of 48 credit points per semester in the full-time course and a minimum of 24 credit points per semester in the part-time course.

### Master of Built Environment (Urban Design)

The normal progression will extend the graduate diploma program by a flexibly delivered summer semester (see Course

Structure) for part-time and full-time students. Articulation from the graduate diploma to the masters level program will be available after one semester full-time or two semesters part-time provided that applicants have completed the preceding course work with a grade point average of 5.0 or better.

### Course structure

#### Summer Semester - Introductory Unit

PSP275 Introductory Design And Graphics  
 \*Available in three modules to suit individual needs. Fee \$320 per module.

#### Year 1, Semester 1 Full-time Structure

ARB081 History, Theory And Criticism Of Urban Design  
 ARB082 Urban Design Studio B  
 PSP453 Urban Systems And The Physical Environment

#### Year 1, Semester 2

PSN211 Research Project 1  
 PSP451 Production And Use Of The Built Environment  
 PSP452 Urban Design Studio A

#### Summer Program

ARB083 Urban Design Masters Studio  
 PSN212 Research Project 2  
 PSP510 Specialisation

#### Year 1, Semester 1 Part-time Structure

ARB081 History, Theory And Criticism Of Urban Design  
 PSP453 Urban Systems And The Physical Environment

#### Year 1, Semester 2

PSP451 Production And Use Of The Built Environment  
 PSP452 Urban Design Studio A

#### Year 2, Semester 1

ARB082 Urban Design Studio B  
 PSN211 Research Project 1

#### Year 2, Semester 2

PSN212 Research Project 2  
 PSP510 Specialisation

#### Summer Program

ARB083 Urban Design Masters Studio

## ■ Master of Engineering (Research and Thesis) (BN72)

**Award title:** Master of Engineering

**CRICOS code:** 003465J

**Location:** Gardens Point

**Course duration (full-time):** 1 Year (minimum), 2 years (maximum)

**Course duration (part-time):** 2 Years (minimum), 4 years (maximum)

**Discipline coordinator:** Assoc Prof Mahen Mahedran (Civil Engineering); Prof Sridha Sridharan (Electrical and Electronic Systems Engineering); Prof Mark Percy (Mechanical Manufacturing and Medical Engineering).

### Entry requirements

A four-year degree in an appropriate discipline with Honours or equivalent qualification. A graduate diploma or masters degree in an appropriate discipline with a minimum grade point average of 5 with relevant experience or professional experience and/or other qualifications.

### Overview

This research program for professional engineers equips you to solve complex industrial problems. The program is available in Civil, Electrical and Electronic Systems, Mechanical, Manufacturing and Medical Engineering. In completing the course you apply yourself to real-world problems in a research project that must be sponsored by either industry, government authorities, professional organisations or QUT. You can enhance your preparation for the research project by completing coursework units as part of your program.

### Fees

Australian students enrolling after August 31 2000 in a higher degree by research are subject to the conditions of the Commonwealth Government's Research Training Scheme (RTS).

Research Students who enrol at QUT will be awarded an RTS place, which is funded by the Commonwealth, or a QUT Research Training Award Scheme (RTA) place, which is a fee remission scholarship.

Research Masters students are entitled to two years full-time equivalent study under these schemes. Students who exceed this entitlement may apply to QUT for an extension, however the University may charge fees for the period of the program which exceeds the student's entitlement. The University determines the fee level.

### Course Information and Notes

Please consult notes for BN71 Master of Applied Science for course information and requirements.

## ■ Master of Engineering Management (ME76)

**Award title:** Master of Engineering Management

**CRICOS code:** 006368G

**Location:** Gardens Point

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 2 Years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Jun Wang

### Entry Requirements

A bachelor degree in engineering (or its equivalent). Part-time students are expected to be employed in some professional engineering capacity during the course of their studies at QUT. Students who obtain a GPA equal to or above 5 in the Graduate Certificate in Engineering Management are eligible to articulate with credit to the Masters.

### Course Structure

Masters students will take eight units including compulsory units. Similar courses are offered in Singapore in conjunction with Crossfields Asia Pacific Pty Ltd and in China in conjunction with Shanghai Jiao Tong University.

#### Semester 1

MEN177 Total Quality Management  
 MEN280 Engineering Project Management  
 MEN171 Advanced Manufacturing Technologies  
 MEN190/1 Project  
 MEN241 Reliability And Maintenance Management

#### Semester 2

MEN172 Cost Analysis And Asset Management  
 MEN170 Systems Modelling And Simulation  
 MEN175 Energy And Environmental Management  
 MEN190/2 Project  
 MEN272 Enterprise Resource Planning

#### Summer

MEN273 Engineering Knowledge Management

#### Note:

Students complete 8 units including compulsory units MEN280, MEN177 and MEN172.

Mid Year Entry students commence with Semester 2 units.

## ■ Master of Engineering Management (ME77)

**Award title:** Master of Engineering Management

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Jun Wang

### Location

Singapore (Organised by Crossfields Asia Pacific Pty Ltd).



### Aim

The aim of the course is to provide engineers with an introduction to management methods and systems of key relevance to the engineering profession. Particular emphasis is given to manufacturing management, and to maintenance, quality and reliability.

### Course Outlines

The course consists of eight units, of which two are project units and six are coursework units. The coursework units are offered on a block basis. Each block occupies two weeks with lectures each evening Monday to Friday.

## ■ Master of Engineering Science (Civil Engineering Studies) (CE75)

**Award title:** Master of Engineering Science (Civil Engineering Studies)

**Location:** Gardens Point

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 2 Years

**Total credit points:** 96

**Course coordinator:** Mr Yin Foong

### Entry Requirements

A bachelor degree in Engineering (Civil), OR equivalent, with a grade point average of at least 5, or equivalent.

### Course Structure

The flexible Master of Engineering Science (Civil Engineering Studies) program allows students to choose 3 units from a common pool of units offered by all the Engineering Schools (Band 1). A band of Civil Engineering units is then offered from which students choose 3 (Band 2). Any units from Band 1 could also be chosen for Band 2 provided that they come from the School of Civil Engineering. The final component requires enrolment in a Civil Engineering Project (equivalent to 24 credit points) (Band 3).

### Full-time Course structure

#### Band 1 Units

Choose 3 units from the following Band 1 units. Most of these units are offered once a year (either in Semester 1 or Semester 2). Students are advised to check carefully the unit availability prior to enrolling.

#### Band 1 - Semester 1

CEP291	Environmental Law And Assessment
CEP294	Engineering Contract Development And Administration
EEP101	Algorithms For Control And Engineering
EEP102	Unix And C For Engineers
EEP103	Computer Hardware And Interfacing
MEN101	Research Methodology
MEN280	Engineering Project Management

#### Band 1 - Semester 2

CEP141	Studies In Environmental Engineering
CEP201	Process Modelling
CEP295	Civil Engineering Management In A Project Environment
EEP129	Image Processing And Computer Vision
MEN170	Systems Modelling And Simulation
MEN172	Cost Analysis And Asset Management

#### Band 2 Units

Choose 3 units from the range of Band 2 units. The following Civil Engineering units are offered as electives within CE74 and may be cancelled due to insufficient enrolment numbers.

#### Band 2 - Semester 1

CEP127	Road And Traffic Engineering
CEP142	Water Pollution Control
CEP218	Transportation Engineering
CEP291	Environmental Law And Assessment
CEP293	Pavement Design

#### Band 2 - Semester 2

CEP141	Studies In Environmental Engineering
CEP151	Road Safety Audit - Principles and Practice
CEP175	Pavement Maintenance Rehabilitation And Recycling
CEP216	Advanced Traffic Engineering
CEP292	Engineering Practice 2

### Band 3 Project

Students must complete their 24 cp project over one or two semesters (summer semester is an option) by enrolling in the following two 12 cp units.

CEP997/1 Project

CEP997/2 Project

Please note: The School reserves the right to offer these units according to enrolment quotas and staff availability.

Students must consult with Course Coordinator before enrolling in CEP176.

## ■ Master of Engineering Science (Civil) (CE74)

**Award title:** Master of Engineering Science (Civil)

**CRICOS code:** 020300M

**Location:** Gardens Point

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Mr Yin Foong

### Entry requirements

A Bachelor of Engineering degree with Honours in Civil Engineering or a Graduate Diploma in Civil Engineering with a grade point average of at least 5 on a 7-point scale. If applicants have completed 50 per cent of the Graduate Diploma in Civil Engineering with a minimum grade point average of 5 they may transfer to the Masters program. If applicants have not taken units equivalent to QUT undergraduate units in their chosen area of specialist study, they may need to complete additional undergraduate units as a masters qualifying program.

### Course Structure

The course consists of a minimum of 96 credit points. 24 credit points are allocated to a project and the remainder to non-project units. The majority of the units are common with the Graduate Diploma in Civil Engineering (CE64) and the Graduate Certificate in Civil Engineering (CE62). Students who do not wish to undertake a major must complete the core units plus any other combination of units, to make up the minimum of 96 credit points.

### Full-time Course structure

#### Semester 1

CEP997-1	Project
CEP294	Engineering Contract Development And Administration
	2 Elective units

#### Semester 2

CEP997-2	Project
CEP201	Process Modelling
	2 Elective units

#### Environmental Engineering Major - Semester 1

CEP291	Environmental Law And Assessment
CEP997/1	Project
	2 electives

#### Environmental Engineering Major - Semester 2

CEP141	Studies In Environmental Engineering
CEP997/2	Project
	2 Electives

#### Transportation Engineering Major - Semester 1

CEP997/1	Project
CEP218	Transportation Engineering
	2 Electives

#### Transportation Engineering Major - Semester 2

CEP997/2	Project
CEP216	Advanced Traffic Engineering
	2 electives

#### Electives - Semester 1

CEP012	Railway Management Operation and Safety
CEP127	Road And Traffic Engineering
CEP142	Water Pollution Control
CEP201	Process Modelling
CEP218	Transportation Engineering
CEP291	Environmental Law And Assessment

CEP293	Pavement Design
<b>Electives - Semester 2</b>	
CEP011	Railway Business and Engineering
CEP012	Railway Management Operation and Safety
CEP141	Studies In Environmental Engineering
CEP143	Biological Treatment Processes
CEP151	Road Safety Audit - Principles and Practice
CEP175	Pavement Maintenance Rehabilitation And Recycling
CEP201	Process Modelling
CEP216	Advanced Traffic Engineering
CEP292	Engineering Practice 2

NB. The School reserves the right to offer the units according to enrolment quotas and staff availability.

### ■ Master of Engineering Science (Computer and Communications Engineering) (EE74)

**Award title:** Master of Engineering Science (Computer Engineering) or Master of Engineering Science (Communication Engineering)

**CRICOS code:** 040343A

**Location:** Gardens Point

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 2 Years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Mr John Edwards

#### Entry requirements

(1) A bachelor degree in Electrical Engineering, Information Technology or Science with a least second class honours or equivalent; OR

(2) successful completion of the Graduate Diploma in Computer and Communications Engineering with a GPA>5

OR

successful completion of the Graduate Certificate in Computer and Communications Engineering (EE61) with a GPA>5

#### Masters Upgrade Program

Those who have completed the Graduate Diploma in Computer and Communications Engineering (EE67) may upgrade by undertaking further study in the Master of Engineering Science (Computer & Communications Engineering) and be given credit for the units which they have completed at graduate diploma level. The structure of the course dictates that this upgrade program be undertaken on a part-time basis.

Students undertaking the Masters Upgrade Program will enrol in the following units:

- EEP301/1 Project
- EEP301/2 Project.

#### Course Structure

Masters students select a total of six units from Semester 1 and Semester 2 lists and must complete a 24 credit point project (EEP301).

##### Semester 1

EEP101	Algorithms For Control And Engineering
EEP102	Unix And C For Engineers
EEP103	Computer Hardware And Interfacing
EEP124	Data Communications
EEP126	Communications Digital Signal Processing
EEP137	Advanced Topic A
EEP301-1	Project

##### Semester 2

EEP104	Real-Time Operating Systems
EEP120	Networks And Distributed Computing
EEP135	Digital Signal Processing And Applications
EEP123	Process Control And Robotics
EEP127	Advanced Topic B
EEP128	Detection And Estimation
EEP129	Image Processing And Computer Vision
EEP3012	Project

#### Note:

Masters students select a total of 6 units from the list and must complete a 24 credit point project.

For advanced Topic A and B, with approval of the Course Coordinator, students may enrol in appropriate units from other Schools within QUT. Students can also enrol in final year Electrical and Electronic Systems Engineering graduate level units.

### ■ Master of Engineering Science (Electrical Engineering Studies) (EE77)

**Award title:** Master of Engineering Science (Electrical Engineering Studies)

**Location:** Gardens Point

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 2 Years

**Total credit points:** 96

**Course coordinator:** Mr John Edwards

#### Entry Requirements

A bachelor degree in Electrical and Computer Engineering, OR equivalent, with a grade point average of at least 5, or equivalent.

#### International Student Entry

QUT advises that International Students may only enrol in full-time studies.

#### Full-time Course structure

##### Band 1 Units

Choose 3 units from the following Band 1 units. Most of these units are offered once a year (either in Semester 1 or Semester 2). Students are advised to check the unit availability prior to enrolling.

##### Semester 1

CEP291	Environmental Law And Assessment
CEP294	Engineering Contract Development And Administration
EEP101	Algorithms For Control And Engineering
EEP102	Unix And C For Engineers
EEP103	Computer Hardware And Interfacing
MEN101	Research Methodology
MEN280	Engineering Project Management

##### Semester 2

CEP141	Studies In Environmental Engineering
CEP201	Process Modelling
CEP295	Civil Engineering Management In A Project Environment
EEP129	Image Processing And Computer Vision
MEN170	Systems Modelling And Simulation
MEN172	Cost Analysis And Asset Management

##### Band 2 Units

Choose 3 units from the range of Band 2 units. The following units are offered in EE61/66/76, and may be cancelled due to insufficient enrolment numbers. Students are advised to check the unit availability prior to enrolling.

##### Semester 1

EEP101	Algorithms For Control And Engineering
EEP102	Unix And C For Engineers
EEP103	Computer Hardware And Interfacing
EEP124	Data Communications
EEP126	Communications Digital Signal Processing
EEP137	Advanced Topic A

##### Semester 2

EEP104	Real-Time Operating Systems
EEP120	Networks And Distributed Computing
EEP123	Process Control And Robotics
EEP128	Detection And Estimation
EEP129	Image Processing And Computer Vision
EEP135	Digital Signal Processing And Applications
EEP127	Advanced Topic B

##### Band 3 Units

Students must complete their 24 cp project over one or two semesters (summer is an option) by enrolling in the following two 12 cp project units

EEP301/1	Project
EEP301/2	Project

## ■ Master of Engineering Science (Electricity Supply Engineering) (EE78)

**Award title:** Master of Engineering Science (Electricity Supply Engineering)

**Location:** Gardens Point and External

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 2 Years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Associate Professor David Birtwhistle

### Entry requirements

(1) A bachelor degree in Electrical Engineering and at least second class honours, with a study of power subjects to third year level; OR

(2) students with the degree qualification, but who do not have second class honours, may transfer from the Graduate Diploma (Electricity Supply) (EE60) after completing 48 credit points with a grade point average of 5 or >. You must also have a firm offer of a supervised industry placement.

### Course Structure

In the Masters program students choose 18 units and complete 100 days of supervised industry practice and submit a thesis on part of the practical work that they have undertaken.

### Full-time Course Structure

18 Units (selected from Unit List)

EEP230 Thesis A

EEP231 Thesis B

Students must complete 100 days of supervised professional practice. The thesis is related to this industry experience.

### Unit List

EEP201	Fundamentals Of Power System Earthing
EEP202	Thermal Ratings And Heat Transfer
EEP203	Testing And Condition Monitoring
EEP204	Power System Load Flow Analysis
EEP205	Power System Fault Calculations
EEP206	Project Management
EEP207	Overhead Line Route Selection - Environmental Factors
EEP208	Economic Analysis For Power System Engineers
EEP209	Power System Harmonics
EEP210	Abnormal System Voltages
EEP211	Basic Power System Protection
EEP212	Advanced Power System Protection
EEP213	Advanced Power System Protection
EEP214	Risk Assessment In The Electricity Supply Industry
EEP215	Reliability
EEP216	Overhead Line Design - Electrical
EEP217	Overhead Line Design - Mechanical
EEP218	Introduction To Automated System Control And Supervisory Systems
EEP219	High Voltage Substation Equipment: Power Transformers And Reactive Power Plant
EEP220	Distribution Planning
EEP223	Load Forecasting
EEP224	Power System Operation
EEP240	Organisation And Financial Management Of The ESI
EEP243	Contract Administration
EEP244	Circuit Breakers - Switchgear
EEP245	Introduction To Substation Design
EEP246	Customer Metering
EEP248	Introduction To Electricity Markets
<b>Units available as resource-based learning (distance education) with flexible enrolment</b>	
EEP202	Thermal Ratings And Heat Transfer
EEP204	Power System Load Flow Analysis
EEP205	Power System Fault Calculations
EEP208	Economic Analysis For Power System Engineers
EEP209	Power System Harmonics
EEP210	Abnormal System Voltages
EEP211	Basic Power System Protection
EEP208	Economic Analysis For Power System Engineers
EEP213	Advanced Power System Protection
EEP212	Advanced Power System Protection
EEP214	Risk Assessment In The Electricity Supply Industry

EEP215	Reliability
EEP220	Distribution Planning
EEP241	Distance Protection

## ■ Master of Engineering Science (Mechanical Engineering Studies) (ME80)

**Award title:** Master of Engineering Science (Mechanical Engineering Studies)

**Location:** Gardens Point

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 2 Years

**Total credit points:** 96

**Course coordinator:** Dr Jun Wang

### Entry Requirements

A bachelor degree in Engineering (Mechanical), OR equivalent, with a grade point average of at least 5, or equivalent.

### Course Structure

The flexible Master of Engineering Science (Mechanical Engineering Studies) program allows students to choose 3 units from a common pool of units offered by all the Engineering Schools (Band 1). A band of Mechanical Engineering units is then offered from which students choose 3 (Band 2). Any units from Band 1 could also be chosen for Band 2 provided that they come from the School of Mechanical, Manufacturing and Medical Engineering. The final component requires enrolment in a Mechanical Engineering Project (equivalent to 24 credit points) (Band 3).

### Full-time Course Structure

#### Band 1 Units

Choose 3 units from the following Band 1 units. Most of these units are offered once a year (either in Semester 1 or Semester 2). Students are advised to check carefully the unit availability prior to enrolling.

#### Band 1 - Semester 1

CEP291	Environmental Law And Assessment
CEP294	Engineering Contract Development And Administration
EEP101	Algorithms For Control And Engineering
EEP102	Unix And C For Engineers
EEP103	Computer Hardware And Interfacing
MEN280	Engineering Project Management
MEN101	Research Methodology

#### Band 1 - Semester 2

CEP141	Studies In Environmental Engineering
CEP201	Process Modelling
CEP295	Civil Engineering Management In A Project Environment
EEP129	Image Processing And Computer Vision
MEN170	Systems Modelling And Simulation
MEN172	Cost Analysis And Asset Management

#### Band 2 Units

3 units are to be chosen from the range of Band 2 units. Please note MEN177 is a compulsory unit.

The range of units will be expanded in the future.

#### Band 2 - Semester 1

MEN177	Total Quality Management (compulsory unit)
MEN171	Advanced Manufacturing Technologies
MEN241	Reliability And Maintenance Management
MEN280	Engineering Project Management

#### Band 2 - Semester 2

MEN170	Systems Modelling And Simulation
MEN172	Cost Analysis And Asset Management
MEN175	Energy And Environmental Management
MEN272	Enterprise Resource Planning

#### Band 3 Mechanical Engineering Project

24 cp Mechanical Engineering Project

## ■ Master of Engineering Management (ME78)

**Award title:** Master of Engineering Management

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Jun Wang

**Location**

China (Organised by SJTU - Shanghai Jiao Tong University).

**Aim**

The aim of the course is to provide engineers with an introduction to management methods and systems of key relevance to the engineering profession. Particular emphasis is given to manufacturing management, and to maintenance, quality and reliability.

**Course Outline**

The course consists of eight units, of which two are project units and six are coursework units. The coursework units are offered on a block basis. Each block occupies two weeks with lectures each evening Monday to Friday.

**■ Master of Landscape Architecture (PS71)**

**Award title:** Master of Landscape Architecture

**CRICOS code:** 020301K

**Location:** Gardens Point

**Course duration (full-time):** 1 Year plus 1 year part-time Built Environment (Landscape Architecture) graduates or equivalent; 2 Years plus 1 Year part-time (Other graduates)

**Course duration (part-time):** 3 Years Built Environment (Landscape Architecture); 5 Years (Other graduates)

**Total credit points:** 228 (excluding any Masters qualifying units)

**Course coordinator:** Mr Glenn Thomas

**Entry requirements**

A bachelor degree, or equivalent professional qualification, with a minimum grade point average of 5.

Applicants to enter these courses from non-design qualifications require basic skills in design/perception theory, freehand and technical graphics. A three-module full fee paying Summer unit is available for this purpose. Computer literacy is also required.

In order to be considered for entry to either the Graduate Diploma or Masters courses, applicants must complete:

- Application for Admission form as well as the following which should be forwarded direct to the Course Coordinator.
- Position Statement - a personal statement (1 x A4 typed page) in which the applicant demonstrates an understanding of the profession and the guiding belief systems of landscape architecture and shows the applicant's potential to 'fit' within this profession.
- Illustrated Autobiography - a concise self-expose which shows, in a combination of words and graphics, the applicant's life and interests. The objective is to give an insight into the person making the application and to demonstrate an aptitude for design as the core activity of the profession. This document is not a resume or curriculum vitae, nor is it a folio of previous work experience. It will be in A3 format and will not exceed five pages.

**Professional Recognition**

Professional accreditation for the course has been granted by the Australian Institute of Landscape Architects.

**Course structure**

**Summer Semester**

PSP275 Introductory Design And Graphics  
#Available in three modules to suit individual needs. Fee \$320 per module  
For applicants who wish to enter the course from non Landscape Architecture or related qualification

**Foundation Level Studies - Entry by 3-year degree or diploma other than the Bachelor of Built Environment**

**Semester 1**

PSP261 Landscape Construction 1  
PSP262 Communication And Practice 1

PSP263 Landscape Ecology  
PSP264 Spatial Design Theory

**Semester 2**

PSP265 Landscape Construction 2  
PSP266 Communication And Practice 2  
PSP267 Heritage And Plant Studies  
PSP268 Site Planning

**Professional Level Studies - Entry by the Bachelor of Built Environment (Landscape Architecture)**

**Semester 1**

PSP269 Advanced Construction And Practice 1  
PSP270 Elective  
PSP271 Advanced Landscape Design 1

**Semester 2**

PSP272 Advanced Construction And Practice 2  
PSP273 Landscape Planning  
PSP274 Advanced Landscape Design 2

**Master Level Studies**

**Semester 1**

PSN211 Research Project 1  
PSN213 Specialisation

**Semester 2**

PSN212 Research Project 2  
PSN214 Elective

**■ Master of Project Management (CN77)**

**Award title:** Master of Project Management

**CRICOS code:** 016350B

**Location:** Gardens Point

**Course duration (full-time):** 1.5 Years

**Course duration (part-time):** 3 Years

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Stephen Kajewski

**Entry requirements**

- (1) A relevant bachelor degree from an approved tertiary institution and demonstrated potential in professional activity to undertake masters degree course, OR
- (2) Successful completion of CN64 Graduate Diploma in Project Management with a grade point average of 5.0 or better, OR
- (3) Qualifications deemed equivalent to the above by the Dean of the Faculty on the recommendation of the course coordinator, AND
- (4) at least three years appropriate industry experience after graduation.

**Course Structure Information**

The first two semesters full-time or four semesters part-time are identical to the Graduate Diploma in Project Management(CN64). Persons admitted to the Masters program who are graduates of the Graduate Diploma in Project Management(CN64) will need to submit an Application for Academic Credit form for the units they have already completed. At the completion of the coursework component of the Masters Degree program but before the completion of the Dissertation, students may elect to exit with the Graduate Diploma in Project Management.

**Full-time Course structure**

**Year 1, Semester 1**

CNP520 Project Management  
CNP521 Project Cost And Risk Management  
CNP532 Innovation And Technology Management  
CNP551 Project Human Resource Management

**Year 1, Semester 2**

CNP534 International Project Management  
CNP533 Project Management Law  
Two electives

**Year 2, Semester 1**

CNN442-1 Dissertation  
CNN442-2 Dissertation  
Includes Research Methodology lectures and incorporates Advanced Information Retrieval Skills

### Part-time Course Structure

#### Year 1, Semester 1

CNP520 Project Management  
CNP521 Project Cost And Risk Management

#### Year 1, Semester 2

CNP533 Project Management Law  
CNP534 International Project Management

#### Year 2, Semester 1

CNP532 Innovation And Technology Management  
CNP551 Project Human Resource Management

#### Year 2, Semester 2

2 Electives

#### Year 3, Semester 1

CNN442-1 Dissertation

#### Year 3, Semester 2

CNN442-2 Dissertation

## ■ Master of Property Economics (CN92)

**Award title:** Master of Property Economics

**CRICOS code:** 036432A

**Location:** Gardens Point

**Course duration (full-time):** 1.5 Years

**Course duration (part-time):** 3 Years

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Professor Terry Boyd

### Entry requirements

- (1) A relevant three-year bachelor degree; OR
- (2) Successful completion of CN91 Graduate Diploma in Property Economics with a grade point average of 5.0 or above; OR
- (3) Qualifications deemed equivalent to the above by the Dean of Faculty on the recommendation of the course coordinator; AND
- (4) at least three years appropriate industry experience after graduation.

### Additional information

The first two semesters full-time or four semesters part-time are identical to the Graduate Diploma in Property Economics (CN91). Persons admitted to the Masters program who are graduates of the Graduate Diploma in Property Economics (CN91) will need to submit an Application for Academic Credit form for the units they have already completed.

At the completion of the coursework component of the Masters Degree program but before the completion of the Dissertation, students may elect to exit with the Graduate Diploma in Property Economics.

An Advanced Information Retrieval Skills unit is compulsory in the Master of Property Economics. It is strongly recommended that this unit be completed prior to the commencement of the course or as early in the first semester as possible.

### Course Structure

Variations to the recommended study program require prior approval from the course coordinator.

School electives are offered subject to an appropriate enrolment in each semester.

Students who commence mid-year should enrol in semester 2 units.

### Full-time Course structure – Development major

#### Year 1, Semester 1

CNP520 Project Management  
CNP521 Project Cost And Risk Management  
CNP547 Property Investment  
CNP555 Property Market Analysis

#### Year 1, Semester 2

CNP545 Project Development  
CNP554 Advanced Land Development  
Two Electives

#### Year 2, Semester 1

CNN442 Dissertation 1/2

### Full-time Course Structure - Investment major

#### Year 1, Semester 1

CNP547 Property Investment  
CNP555 Property Market Analysis  
CNP556 Property Management And Contracts  
EFN406 Managerial Finance

#### Year 1, Semester 2

CNP554 Advanced Land Development  
CNP557 Property Portfolio Analysis  
Two Electives

#### Year 2, Semester 1

CNN442 Dissertation 1/2

### Part-time Course Structure - Development major

#### Year 1, Semester 1

CNP547 Property Investment  
CNP555 Property Market Analysis

#### Year 1, Semester 2

CNP545 Project Development  
CNP554 Advanced Land Development

#### Year 2, Semester 1

CNP520 Project Management  
CNP521 Project Cost And Risk Management

#### Year 2, Semester 2

Two Electives

#### Year 3, Semester 1

CNN442-1 Dissertation

#### Year 3, Semester 2

CNN442-2 Dissertation

### Part-time Course Structure - Investment major

#### Year 1, Semester 1

CNP547 Property Investment  
CNP555 Property Market Analysis

#### Year 1, Semester 2

CNP554 Advanced Land Development  
CNP557 Property Portfolio Analysis

#### Year 2, Semester 1

CNP556 Property Management And Contracts  
EFN406 Managerial Finance

#### Year 2, Semester 2

Two Electives

#### Year 3, Semester 1

CNN442-1 Dissertation

#### Year 3, Semester 2

CNN442-2 Dissertation

## ■ Master of Urban and Regional Planning (PS70)

**Award title:** Master of Urban and Regional Planning

**CRICOS code:** 020299K

**Location:** Gardens Point

**Course duration (full-time):** 1.5 - 2.5 years (100% - 75% load) for Bachelor of Built Environment graduates; 2.5 - 3 .5 years (100% - 75% load) for other graduates

**Course duration (part-time):** 2.5 years for Bachelor of Built Environment graduates; 4.5 years for other graduates

**Total credit points:** 240

**Course coordinator:** Assoc Prof Phil Heywood

### Entry requirements

A bachelor degree or equivalent is required. Applicants without planning or related qualifications undertake a Foundation Course of 1 year full-time or part time equivalent, which may be reduced by exemptions based on previous studies.

A limited number of special entry places are available in the Foundation Course for suitably experienced non-graduates. Special entry includes written and oral examinations and references.

### Professional Recognition

This course is professionally accredited by the Planning Institute of Australia.

### Full-time Course Structure

#### Foundation Studies (non BBE graduates only)

##### Summer Semester

DBP403 Design Communication

##### Year 1, Semester 1

DBP401 Urban And Site Analysis

DBP402 Planning Processes

DBP406 Computer Applications In Planning

##### Year 1, Semester 2

DBP404 Economic And Social Foundations Of Planning

DBP405 Urban Design

DBP407 Environmental Planning And Management

DBP408 Planning Implementation And Law

#### Professional Studies (Graduate Diploma)

##### Year 2, Semester 1

DBP409 Urban Planning Practice

DBP410 Research Methods In Planning

DBP411 Community Planning

DBP412 Planning Theory And Ethics

##### Year 2, Semester 2

DBP413 Regional Planning Practice

DBP414 Regional And Metropolitan Policy

DBP415 Professional Practice Or Research Project

DBP416 Elective

DBP417 Comparative Planning

#### Specialisation and Practice Studies (Masters)

##### Year 3, Semester 1

DBP501 Specialisation

DBP502 Professional Practice Or Research Dissertation

DBP503 Masters Seminar

##### Notes:

DBP416 Elective offers Specialisations in Urban Housing, Urban Design and Environmental and Social Planning. Other topics may be offered depending on staff availability.

DBP501 Specialisation offers Specialisations in Environmental Policy Issues, Urban Design, Housing and Community Development, and Social and Regional Development, which may be available in either semester depending upon staff availability.

The following units are offered during semesters 1 and 2:

DBP415 Professional Practice or Research Project

DBP416 Elective

DBP417 Comparative Planning (0cp)

DBP501 Specialisation

DBP502 Professional Practice or Research Dissertation (24cp)

### Part-time Course Structure - 50% Progression Rate

#### Foundation Studies (non BBE graduates only)

##### Summer Semester

DBP403 Design Communication

##### Year 1, Semester 1

DBP401 Urban And Site Analysis

DBP402 Planning Processes

##### Year 1, Semester 2

DBP404 Economic And Social Foundations Of Planning

DBP405 Urban Design

##### Year 2, Semester 1

DBP406 Computer Applications In Planning

DBP409 Urban Planning Practice

##### Year 2, Semester 2

DBP407 Environmental Planning And Management

DBP408 Planning Implementation And Law

#### Professional Studies (Graduate Diploma)

##### Year 3, Semester 1

DBP410 Research Methods In Planning

DBP411 Community Planning

##### Year 3, Semester 2

DBP413 Regional Planning Practice

DBP414 Regional And Metropolitan Policy

##### Year 4, Semester 1

DBP412 Planning Theory And Ethics

DBP415 Professional Practice Or Research Project

DBP417 Comparative Planning

##### Year 4, Semester 2

DBP416 Elective

DBP501 Specialisation

#### Specialisation and Practice Studies (Masters)

##### Year 5, Semester 1

DBP502 Professional Practice Or Research Dissertation

DBP503 Masters Seminar

##### Note:

Please refer to Notes in Full-time Course Structure.

### Course Structure - 75% Progression Rate

#### Foundation Studies (non BBE graduates)

##### Summer Semester

DBP403 Design Communication

##### Year 1, Semester 1

DBP401 Urban And Site Analysis

DBP402 Planning Processes

DBP406 Computer Applications In Planning

##### Year 1, Semester 2

DBP404 Economic And Social Foundations Of Planning

DBP405 Urban Design

DBP407 Environmental Planning And Management

#### Professional Studies (Graduate Diploma)

##### Year 2, Semester 1

DBP409 Urban Planning Practice

DBP410 Research Methods In Planning

DBP411 Community Planning

##### Year 2, Semester 2

DBP408 Planning Implementation And Law

DBP413 Regional Planning Practice

DBP414 Regional And Metropolitan Policy

##### Year 3, Semester 1

DBP412 Planning Theory And Ethics

DBP415 Professional Practice Or Research Project

DBP416 Elective

DBP417 Comparative Planning

#### Specialisation and Practice Studies (Masters)

##### Year 3, Semester 2

DBP501 Specialisation

DBP503 Masters Seminar

##### Year 4, Semester 1

DBP502 Professional Practice Or Research Dissertation

##### Note:

Please refer to Notes in Full-time Course Structure.

## ■ Graduate Diploma in Civil Engineering (CE64)

**Award title:** Graduate Diploma in Civil Engineering

**CRICOS code:** 036430C

**Location:** Gardens Point

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 2 Years

**Total credit points:** 96

**Course coordinator:** Mr Yin Foong

### Entry requirements

You must hold an acceptable degree or diploma in engineering from a recognised institution. If you do not meet the requirements for normal entry but hold a degree or diploma in a scientific or technological field or other equivalent qualifications or hold professional engineering recognition you may be required to complete such prerequisite engineering units as may be determined by the Course Coordinator prior to enrolment in the course.

### Course structure

#### Environmental Engineering Major

##### Semester 1

CEP291 Environmental Law And Assessment  
3 Electives from the list below

##### Semester 2

CEP141 Studies In Environmental Engineering  
3 Electives from the list below

#### Transportation Engineering Major

##### Semester 1

CEP218 Transportation Engineering  
3 Electives from the list below

##### Semester 2

CEP216 Advanced Traffic Engineering  
3 Electives from the list below

#### Electives - Semester 1

CEP012 Railway Management Operation and Safety

CEP127 Road And Traffic Engineering

CEP142	Water Pollution Control
CEP218	Transportation Engineering
CEP291	Environmental Law And Assessment
CEP293	Pavement Design

**Electives - Semester 2**

CEP011	Railway Business and Engineering
CEP012	Railway Management Operation and Safety
CEP143	Biological Treatment Processes
CEP151	Road Safety Audit - Principles and Practice
CEP201	Process Modelling
CEP292	Engineering Practice 2
CEP294	Engineering Contract Development And Administration

The School reserves the right to offer the units according to enrolment quotas and staff availability.

**Graduate Diploma in Computer and Communications Engineering (EE67)**

**Award title:** Graduate Diploma in Computer and Communications Engineering

**CRICOS code:** 015184G

**Location:** Gardens Point

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 2 Years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Mr John Edwards

**Entry requirements**

(1) A bachelor degree in Electrical Engineering, Information Technology, Science or equivalent; OR (2) Graduate Certificate in Computer and Communications Engineering.

**Course structure**

Graduate Diploma students select a total of eight units from Semester 1 and Semester 2 lists.

**Semester 1 - Units**

EEP101	Algorithms For Control And Engineering
EEP102	Unix And C For Engineers
EEP103	Computer Hardware And Interfacing
EEP124	Data Communications
EEP126	Communications Digital Signal Processing
EEP137	Advanced Topic A

**Semester 2 - Units**

EEP104	Real-Time Operating Systems
EEP120	Networks And Distributed Computing
EEP123	Process Control And Robotics
EEP127	Advanced Topic B
EEP128	Detection And Estimation
EEP129	Image Processing And Computer Vision
EEP135	Digital Signal Processing And Applications

**Note:**

Graduate Diploma students complete 8 units from semester 1 and 2 lists. For Advanced Topic A & B, with approval of the Course Coordinator, students may enrol in appropriate units from other Schools within QUT. Students can also enrol in final year Electrical and Electronic Systems Engineering graduate level units.

**Graduate Diploma in Electricity Supply Engineering (EE60)**

**Award title:** Graduate Diploma in Electricity Supply Engineering

**Location:** Gardens Point and External

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 2 Years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Associate Professor David Birtwhistle

**Entry requirements**

- (1) A bachelor degree in Electrical Engineering with a study of power subjects to third year level.
- (2) Provision also for entry by Associate Diploma or Advanced Diploma holders with industry experience.

**Course Structure**

In the Graduate Diploma students must complete 24 units from List.

**Semester 1**

EEP201	Fundamentals Of Power System Earthing
EEP202	Thermal Ratings And Heat Transfer
EEP203	Testing And Condition Monitoring
EEP204	Power System Load Flow Analysis
EEP205	Power System Fault Calculations
EEP206	Project Management
EEP208	Economic Analysis For Power System Engineers
EEP209	Power System Harmonics
EEP210	Abnormal System Voltages
EEP211	Basic Power System Protection
EEP213	Advanced Power System Protection
EEP218	Introduction To Automated System Control And Supervisory Systems
EEP219	High Voltage Substation Equipment: Power Transformers And Reactive Power Plant
EEP240	Organisation And Financial Management Of The ESI
EEP243	Contract Administration
EEP248	Introduction To Electricity Markets

**Semester 2**

EEP207	Overhead Line Route Selection - Environmental Factors
EEP212	Advanced Power System Protection
EEP214	Risk Assessment In The Electricity Supply Industry
EEP215	Reliability
EEP216	Overhead Line Design - Electrical
EEP217	Overhead Line Design - Mechanical
EEP220	Distribution Planning
EEP221	Limits To Power System Stability
EEP222	Maintenance Of Electricity Supply Systems
EEP223	Load Forecasting
EEP224	Power System Operation
EEP241	Distance Protection
EEP242	Efficient Marketing And Utilisation Of Electricity: Demand And Supply Side Solutions
EEP244	Circuit Breakers - Switchgear
EEP245	Introduction To Substation Design
EEP246	Customer Metering

**Units available as resource-based learning (distance education) with flexible enrolment**

EEP202	Thermal Ratings And Heat Transfer
EEP204	Power System Load Flow Analysis
EEP208	Economic Analysis For Power System Engineers
EEP209	Power System Harmonics
EEP210	Abnormal System Voltages
EEP211	Basic Power System Protection
EEP212	Advanced Power System Protection
EEP213	Advanced Power System Protection
EEP214	Risk Assessment In The Electricity Supply Industry
EEP215	Reliability
EEP220	Distribution Planning
EEP241	Distance Protection

**Graduate Diploma in Geographic Information Systems (PS78)**

**Award title:** Graduate Diploma in Geographic Information Systems

**CRICOS code:** 040337K

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96 credit points

**Course coordinator:** Dr John Hayes

**Entry Requirements**

A relevant bachelor degree or diploma from an approved tertiary institution; OR qualifications deemed equivalent to the above by the Head of School of Design and Built Environment; OR other academic qualifications supported by a minimum of 2 years work experience of relevant depth and breadth on application to the Head of School, Design and Built Environment.

### Full-time Course structure

#### Year 1, Semester 1

PSB631 Geographic Information Systems 1  
 PSB655 Remote Sensing  
 Choose 2 Electives

#### Year 1, Semester 2

PSB654 Topics in Spatial Information Science  
 PSN213 Specialisation  
 Choose 2 Electives

### Part-time Course structure

#### Year 1, Semester 1

PSB631 Geographic Information Systems 1  
 Choose 1 Elective

#### Year 1, Semester 2

PSB654 Topics in Spatial Information Science  
 Choose 1 Elective

#### Year 2, Semester 1

PSB655 Remote Sensing  
 Choose 1 Elective

#### Year 2, Semester 2

PSN213 Specialisation  
 Choose 1 Elective

### Mid Year Entry Full-time Course structure

#### Year 1, Semester 2

PSB631 Geographic Information Systems 1  
 PSB655 Remote Sensing  
 Choose 2 Electives

#### Year 2, Semester 1

PSB654 Topics in Spatial Information Science  
 PSN213 Specialisation  
 Choose 2 Electives

### Mid Year Entry Part-time Course structure

#### Year 1, Semester 2

PSB631 Geographic Information Systems 1  
 Choose 1 Elective

#### Year 2, Semester 1

PSB654 Topics in Spatial Information Science  
 Choose 1 Elective

#### Year 2, Semester 2

PSB655 Remote Sensing  
 Choose 1 Elective

#### Year 3, Semester 1

PSP510 Specialisation  
 Choose 1 Elective

### Electives (Subject to availability)

#### Semester 1

BNB011 Fundamentals Of Synthetic Environments  
 DBP401 Urban And Site Analysis  
 DBP402 Planning Processes  
 PSB432 History Of Built Environment  
 PSB612 Spatial And Land Information Management  
 PSB630 Cartography And Digital Mapping  
 PSB643 Geodesy  
 PSP311 Professional Practice Management

#### Semester 2

BNB011 Fundamentals Of Synthetic Environments  
 DBP407 Environmental Planning And Management  
 PSB632 Photogrammetry  
 PSB633 Map Production: Principles And Practice  
 PSB644 Advanced Geodesy  
 PSP268 Site Planning  
 PSP273 Landscape Planning

#### Notes:

Please consult with the Course Coordinator before finalising your enrolment.

Full-time students are required to enrol in 48 credit points per semester. This includes two core units and two electives per semester (from the list above or from other undergraduate and postgraduate units).

Part-time students are required to enrol in 24 credit points per semester. Select one core unit and any other unit from the electives listed, of from other undergraduate and postgraduate units.

## ■ Graduate Diploma in Geomatics (PS74)

**Award title:** Graduate Diploma in Geomatics

**CRICOS code:** 036437G

**Location:** Gardens Point

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Course coordinator:** Dr John Hayes

### Entry requirements

A recognised tertiary degree requiring at least four years full time study or its equivalent;

OR a qualification from another tertiary institution considered by the Head of School of Design and Built Environment to be at least equivalent to the degree of Bachelor of Surveying of this University. In addition, graduates should have at least one year's field experience (or its equivalent) following graduation in the practice of surveying. Entry will also be available on the basis of other academic qualifications supported by a minimum of 2 years work experience of relevant depth and breadth on application to the Head of School.

### Professional Recognition

The Diploma is recognised professionally by the Mapping Sciences Institute, Australia.

### Notes

Please consult with the Course Coordinator before finalising your enrolment.

Full-time students are required to enrol in 48 credit points per semester. This includes two core units per semester and two Electives from the list above, or from other undergraduate and postgraduate units.

Part-time students are required to enrol in 24 credit points per semester. Select one core unit and any other unit from the Electives listed, or from other undergraduate and postgraduate units.

### Full-time Course Structure - February Entry

#### Year 1, Semester 1

PSP311 Professional Practice Management  
 PSP316 Survey Computing And Processing  
 Choose 2 Electives

#### Year 1, Semester 2

PSP323 Project Site Surveys  
 PSP326 GIS And GPS  
 Choose 2 Electives

### Full-time Course Structure - July Entry

#### Year 1, Semester 2

PSP323 Project Site Surveys  
 PSP326 GIS And GPS  
 Choose 2 Electives

#### Year 2, Semester 1

PSP311 Professional Practice Management  
 PSP316 Survey Computing And Processing  
 Choose 2 Electives

### Part-time Course Structure - February Entry

#### Year 1, Semester 1

PSP316 Survey Computing And Processing  
 Choose 1 Elective

#### Year 1, Semester 2

PSP323 Project Site Surveys  
 Choose 1 Elective

#### Year 2, Semester 1

PSP311 Professional Practice Management  
 Choose 1 Elective\*

#### Year 2, Semester 2

PSP326 GIS And GPS  
 Choose 1 Elective

### Part-time Course Structure - July Entry

#### Year 1, Semester 2

PSP323 Project Site Surveys



Choose 1 Elective\*

**Year 2, Semester 1**

PSP316 Survey Computing And Processing  
Choose 1 Elective\*

**Year 2, Semester 2**

PSP326 GIS And GPS  
Choose 1 Elective\*

**Year 3, Semester 1**

PSP311 Professional Practice Management  
Choose 1 Elective\*

**PS74 - Electives (subject to availability)**

**Semester 1**

BNB011 Fundamentals Of Synthetic Environments  
DBP401 Urban And Site Analysis  
DBP402 Planning Processes  
PSB432 History Of Built Environment  
PSB612 Spatial And Land Information Management  
PSB630 Cartography And Digital Mapping  
PSB643 Geodesy  
PSP314 Boundary Definition Surveys 1  
PSP317 Property Development Surveys

**Semester 2**

BNB011 Fundamentals Of Synthetic Environments  
DBP407 Environmental Planning And Management  
PSB631 Geographic Information Systems 1  
PSB632 Photogrammetry  
PSB633 Map Production: Principles And Practice  
PSB644 Advanced Geodesy  
PSB655 Remote Sensing  
PSP268 Site Planning  
PSP273 Landscape Planning

**Graduate Diploma in Industrial Design (AR61)**

**Award title:** Graduate Diploma in Industrial Design

**CRICOS code:** 003479C

**Location:** Gardens Point

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 2 Years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Associate Professor Vesna Popovic

**Entry requirements**

- (1) A degree or diploma from a recognised tertiary institution;  
OR
- (2) professional recognition through an equivalent course of study or examination.

**Professional Recognition**

The Graduate Diploma in Industrial Design has been recognised by the Design Institute of Australia (DIA). Graduates are eligible for associate membership. The QUT program is an educational member of the International Council of the Society of Industrial Design (ICSID).

**Full-time Course structure**

**Year 1, Semester 1**

ADP207 Industrial Design 5  
ADP267 Industrial Design Research 1  
ADP217 Professional Practice And Management  
ADP247 Advanced Computer Aided Industrial Design

**Year 1, Semester 2**

ADP218 Advanced Ergonomics  
ADP268 Industrial Design Research 2a  
ADP269 Industrial Design Research 2b  
ADP943 Elective 3

ADP943 elective units must be approved by the Course Coordinator

**Part-time Course Structure**

**Year 1, Semester 1**

ADP207 Industrial Design 5  
ADP247 Advanced Computer Aided Industrial Design

**Year 1, Semester 2**

ADP218 Advanced Ergonomics

ADP943 Elective 3

**Year 2, Semester 1**

ADP267 Industrial Design Research 1  
ADP217 Professional Practice And Management

**Year 2, Semester 2**

ADP268 Industrial Design Research 2a  
ADP269 Industrial Design Research 2b  
ADP943 elective units must be approved by the Course Coordinator

**Graduate Diploma in Interior Design (AR62)**

**Award title:** Graduate Diploma in Interior Design

**CRICOS code:** 006361D

**Location:** Gardens Point

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 2 Years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Dianne Smith

**Entry requirements**

A degree or diploma in interior design or in a relevant discipline from a recognised tertiary institution; or professional recognition through an equivalent course of study or examination.

**Professional Recognition**

The Graduate Diploma in Interior Design is recognised by the Design Institute of Australia (DIA).

**Full-time Course Structure**

**Year 1, Semester 1**

ADP107 Interior Design 7  
ADP114 Professional Studies 1  
ADP161 Interior Research 1  
ADP155 Interior As A Construct 1

**Year 1, Semester 2**

ADP108 Interior Design 8  
ADP156 Interior As A Construct 2  
ADP162 Interior Research 2  
ADP932 Professional Studies 2

**Part-time Course Structure**

**Year 1, Semester 1**

ADP114 Professional Studies 1  
ADP155 Interior As A Construct 1

**Year 1, Semester 2**

ADP932 Professional Studies 2  
ADP156 Interior As A Construct 2

**Year 2, Semester 1**

ADP107 Interior Design 7  
ADP161 Interior Research 1

**Year 2, Semester 2**

ADP108 Interior Design 8  
ADP162 Interior Research 2

**Graduate Diploma in Landscape Architecture (PS66)**

**Award title:** Graduate Diploma in Landscape Architecture

**CRICOS code:** 003478D

**Location:** Gardens Point

**Course duration (full-time):** 1 Year BBlEnv (L'scape Arch) graduates; 2 Years other graduates

**Course duration (part-time):** 2 Years BBlEnv (L'scape Arch) graduates; 4 Years (other graduates)

**Total credit points:** 192

**Course coordinator:** Mr Glenn Thomas

**Entry requirements**

A bachelor degree or three-year diploma, or equivalent professional qualification with a minimum Grade Point Average of 5. Applicants to enter these courses from non-design qualifications require basic skills in design/perception theory, freehand and technical graphics. A three-module full fee paying

Summer unit is available for this purpose. Computer literacy is also required.

In order to be considered for entry to either the Graduate Diploma or Masters courses, applicants must complete:

- Application for Admission form
- A personal statement in which the applicant demonstrates an understanding of the profession and the guiding belief systems of landscape architecture and shows the applicant's potential to 'fit' within this profession.
- Illustrated Autobiography - a concise self-expose which shows, in a combination of words and graphics, the applicant's life and interests.
- The objective is to give an insight into the applicant and demonstrate an aptitude for design as the core activity of the profession. This document is not a resume or curriculum vitae. It will be in A3 format and will not exceed five pages. These documents are to be forwarded to the Course Coordinator.

### Overview

Landscape architecture is concerned with the ordered design of open space at all scales: the appearance, atmosphere, and suitability of environment to assure its health and welfare and that of its inhabitants. Course covers landscape theory and design, professional values, environment theory, graphic and other communication, and landscape construction supported by project and field work. In the Graduate Diploma you complete a program similar to the first two years of the Masters program.

### Professional Recognition

The Graduate Diploma in Landscape Architecture is accredited by the Australian Institute of Landscape Architects.

### Full-time Course Structure

#### Summer Semester - Introductory Unit

PSP275 Introductory Design And Graphics

Applicants from non-design require basic skills in design/freehand and technical graphics.

A three-module full fee paying Summer unit is available for this purpose

#### Year 1, Semester 1

Foundation Level Studies (Entry by three-year degree or diploma other than the Bachelor of Built Environment (Landscape Architecture)

PSP261 Landscape Construction 1  
 PSP262 Communication And Practice 1  
 PSP263 Landscape Ecology  
 PSP264 Spatial Design Theory

#### Year 1, Semester 2

PSP265 Landscape Construction 2  
 PSP266 Communication And Practice 2  
 PSP267 Heritage And Plant Studies  
 PSP268 Site Planning

#### Year 2, Semester 1

Professional Level Studies (Entry by the Bachelor of Built Environment (Landscape Architecture)

PSP269 Advanced Construction And Practice 1  
 PSP270 Elective  
 PSP271 Advanced Landscape Design 1

#### Year 2, Semester 2

PSP272 Advanced Construction And Practice 2  
 PSP273 Landscape Planning  
 PSP274 Advanced Landscape Design 2

### Part-time Course Structure

#### Year 1, Semester 1

PSP261 Landscape Construction 1  
 PSP262 Communication And Practice 1

#### Year 1, Semester 2

PSP265 Landscape Construction 2  
 PSP266 Communication And Practice 2

#### Year 2, Semester 1

PSP263 Landscape Ecology  
 PSP264 Spatial Design Theory

#### Year 2, Semester 2

PSP267 Heritage And Plant Studies  
 PSP268 Site Planning

#### Year 3, Semester 1

PSP269 Advanced Construction And Practice 1

PSP270 Elective

#### Year 3, Semester 2

PSP272 Advanced Construction And Practice 2

PSP273 Landscape Planning

#### Year 4, Semester 1

PSP271 Advanced Landscape Design 1

#### Year 4, Semester 2

PSP274 Advanced Landscape Design 2

## ■ Graduate Diploma in Project Management (CN64)

**Award title:** Graduate Diploma in Project Management

**CRICOS code:** 006362C

**Location:** Gardens Point

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 2 Years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Stephen Kajewski

### Entry requirements

- (1) A relevant bachelor degree from an approved tertiary institution; OR
- (2) Successful completion in CN81 Graduate Certificate in Project Management with a grade point average of 5.0 or better; OR
- (3) Qualifications deemed equivalent to the above by the Dean of Faculty on the recommendation of the course coordinator; AND
- (4) At least three years of appropriate industry experience after graduation.

Students who commence mid-year should enrol in semester 2 units.

### Course Structure

In the Graduate Diploma students complete coursework units from the Masters degree with a range of elective options available. Variations to the recommended study program require prior approval from the course coordinator. School electives are offered subject to an appropriate enrolment each semester.

Persons admitted to the Graduate Diploma who are graduates of the Graduate Certificate in Project Management(CN81) will need to submit an application for Academic Credit form for the units they have already completed.

### Full-time Course structure

#### Year 1, Semester 1

CNP520 Project Management  
 CNP521 Project Cost And Risk Management  
 CNP532 Innovation And Technology Management  
 CNP551 Project Human Resource Management

#### Year 1, Semester 2

CNP534 International Project Management  
 CNP533 Project Management Law  
 Two electives

### Part-time Course Structure

#### Year 1, Semester 1

CNP520 Project Management  
 CNP521 Project Cost And Risk Management

#### Year 1, Semester 2

CNP533 Project Management Law  
 CNP534 International Project Management

#### Year 2, Semester 1

CNP532 Innovation And Technology Management  
 CNP551 Project Human Resource Management

#### Year 2, Semester 2

Two electives

## ■ Graduate Diploma in Property Economics (CN91)

**Award title:** Graduate Diploma in Property Economics

**CRICOS code:** 036427J

**Location:** Gardens Point

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 2 Years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Professor Terry Boyd

### Entry requirements

- (1) A relevant bachelor degree from an approved tertiary institution; OR
- (2) Successful completion of CN90 Graduate Certificate in Property Economics with a grade point average of 5.0 or better; OR
- (3) Qualifications deemed equivalent to the above by the Dean of Faculty on the recommendation of the course coordinator; AND
- (4) At least three years of appropriate industry experience after graduation.

### Course Structure

In the Graduate Certificate and Graduate Diploma courses, students complete coursework units from the Masters degree with a range of elective options available.

Students who commence mid-year should enrol in Semester 2 units.

### Full-time Course structure

#### Development major

##### Year 1, Semester 1

CNP520 Project Management  
 CNP521 Project Cost And Risk Management  
 CNP547 Property Investment  
 CNP555 Property Market Analysis

##### Year 1, Semester 2

CNP545 Project Development  
 CNP554 Advanced Land Development  
 Two Electives

#### Investment major

##### Year 1, Semester 1

CNP547 Property Investment  
 CNP555 Property Market Analysis  
 CNP556 Property Management And Contracts  
 EFN406 Managerial Finance

##### Year 1, Semester 2

CNP554 Advanced Land Development  
 CNP557 Property Portfolio Analysis  
 Two Electives

### Part-time Course Structure

#### Development major

##### Year 1, Semester 1

CNP547 Property Investment  
 CNP555 Property Market Analysis

##### Year 1, Semester 2

CNP545 Project Development  
 CNP554 Advanced Land Development

##### Year 2, Semester 1

CNP520 Project Management  
 CNP521 Project Cost And Risk Management

##### Year 2, Semester 2

Two Electives

#### Investment major

##### Year 1, Semester 1

CNP547 Property Investment  
 CNP555 Property Market Analysis

##### Year 1, Semester 2

CNP554 Advanced Land Development  
 CNP557 Property Portfolio Analysis

##### Year 2, Semester 1

CNP556 Property Management And Contracts  
 EFN406 Managerial Finance

### Year 2, Semester 2

Two Electives

## ■ Graduate Diploma in Surveying Practice (PS68)

**Award title:** Graduate Diploma in Surveying Practice

**CRICOS code:** 006369G

**Location:** Gardens Point

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 2 Years

**Total credit points:** 96

**Course coordinator:** Dr John Hayes

### Entry requirements

A Bachelor of Surveying from QUT or a degree from another tertiary institution acceptable to the Surveyors Board of Queensland and considered by the Head of the School to be at least equivalent to the degree of Bachelor of Surveying at QUT. In addition, you should have at least one year of surveying field experience following graduation, or its equivalent, prior to entry.

### Flexible delivery

Each unit involves a two-week intensive program at QUT. Study is spread over the semester. The option is also available to undertake individual units to update knowledge, or as a component of a Professional Training Agreement.

### Full-time Course Structure - February Entry

#### Year 1, Semester 1

PSP311 Professional Practice Management  
 PSP314 Boundary Definition Surveys 1  
 PSP316 Survey Computing And Processing  
 Choose 1 Elective

#### Year 1, Semester 2

Core Units  
 PSP323 Project Site Surveys  
 PSP326 GIS And GPS  
 Choose 2 Electives

#### Electives (subject to availability)

##### Semester 1

PSP317 Property Development Surveys  
 PSP329 Urban Drainage For Surveyors

##### Semester 2

PSP327 Engineering Surveying  
 PSP328 Boundary Definition Surveys 2  
 PSP330 Professional Practice Management 2

#### Notes:

Please consult with Course Coordinator before finalising your enrolment.

### Part-time Course Structure - February Entry

#### Year 1, Semester 1

PSP314 Boundary Definition Surveys 1  
 PSP316 Survey Computing And Processing

#### Year 1, Semester 2

PSP323 Project Site Surveys  
 PSP326 GIS And GPS

#### Year 2, Semester 1

PSP311 Professional Practice Management  
 Choose 1 Elective

#### Year 2, Semester 2

Choose 2 Electives

#### Electives (subject to availability)

Please refer to Full-time Course Structure.

#### Notes:

Please consult with the Course Coordinator before finalising your enrolment.

### Part-time Course Structure - July Entry

#### Year 1, Semester 2

PSP323 Project Site Surveys  
 PSP326 GIS And GPS

#### Year 2, Semester 1

PSP314 Boundary Definition Surveys 1  
 PSP316 Survey Computing And Processing

#### Year 2, Semester 2

Choose 2 Electives

**Year 3, Semester 1**

PSP311 Professional Practice Management  
Choose 1 Elective

**Electives (subject to availability)**

Please refer to Full-time Course Structure.

**Notes:**

Please consult with the Course Coordinator before finalising your enrolment.

**■ Graduate Diploma in Urban and Regional Planning (PS72)**

**Award title:** Graduate Diploma in Urban and Regional Planning

**CRICOS code:** 003477E

**Location:** Gardens Point

**Course duration (full-time):** 1-1.5 years (100% - 75% load) for Bachelor of Built Environment graduates; 2-2.5 years (100% - 75% load) for other graduates

**Course duration (part-time):** 2 years for Bachelor of Built Environment graduates; 4 years for other graduates

**Total credit points:** 192

**Course coordinator:** Assoc Prof Phil Heywood

**Entry requirements**

A bachelor degree or equivalent is required. Applicants without planning or related qualifications undertake a Foundation Course of 1 year full-time or part-time equivalent, which may be reduced by exemptions based on previous studies.

A limited number of special entry places are available in the Foundation Course for suitably experienced non-graduates. Special entry includes written and oral examinations and references.

**Professional Recognition**

This course is professionally accredited by the Planning Institute of Australia.

**Course structure**

The course offers a variety of structures, including full-time (100% and 75% progression rate) and part-time programs (50% progression rate). Normal entry to the course is in semester 1, though Foundation Studies entrants may, in special circumstances, be admitted in semester 2.

**Full-time Course structure**

**Foundation Studies (non BBE graduates only)**

**Year 1, Summer Program**

DBP403 Design Communication

**Year 1, Semester 1**

DBP401 Urban And Site Analysis

DBP402 Planning Processes

DBP406 Computer Applications In Planning

**Year 1, Semester 2**

DBP404 Economic And Social Foundations Of Planning

DBP405 Urban Design

DBP407 Environmental Planning And Management

DBP408 Planning Implementation And Law

**Professional Studies (Graduate Diploma)**

**Year 2, Semester 1**

DBP409 Urban Planning Practice

DBP410 Research Methods In Planning

DBP411 Community Planning

DBP412 Planning Theory And Ethics

**Year 2, Semester 2**

DBP413 Regional Planning Practice

DBP414 Regional And Metropolitan Policy

DBP415 Professional Practice Or Research Project

DBP416 Elective

DBP416 Elective offers Specialisations in Urban Housing, Urban Design and Environmental and Social Planning. Other topics may be offered depending on staff availability.

DBP417 Comparative Planning

**Part-time Course Structure**

**Foundation Studies (non BBE graduates only)**

**Year 1, Summer Program**

DBP403 Design Communication

**Year 1, Semester 1**

DBP401 Urban And Site Analysis

DBP402 Planning Processes

**Year 1, Semester 2**

DBP404 Economic And Social Foundations Of Planning

DBP405 Urban Design

**Year 2, Semester 1**

DBP406 Computer Applications In Planning

DBP409 Urban Planning Practice

**Year 2, Semester 2**

DBP407 Environmental Planning And Management

DBP408 Planning Implementation And Law

**Professional Studies (Graduate Diploma)**

**Year 3, Semester 1**

DBP410 Research Methods In Planning

DBP411 Community Planning

**Year 3, Semester 2**

DBP413 Regional Planning Practice

DBP414 Regional And Metropolitan Policy

**Year 4, Semester 1**

DBP412 Planning Theory And Ethics

DBP415 Professional Practice Or Research Project

**Year 4, Semester 2**

DBP416 Elective

DBP416 Elective offers Specialisations in Urban Housing, Urban Design and Environmental and Social Planning. Other topics may be offered depending on staff availability.

DBP417 Comparative Planning

**75% Progression Rate Course Structure**

**Foundation Studies (non BBE graduates only)**

**Year 1, Summer Program**

DBP403 Design Communication

**Year 1, Semester 1**

DBP401 Urban And Site Analysis

DBP402 Planning Processes

DBP406 Computer Applications In Planning

**Year 1, Semester 2**

DBP404 Economic And Social Foundations Of Planning

DBP405 Urban Design

DBP407 Environmental Planning And Management

**Professional Studies (Graduate Diploma)**

**Year 2, Semester 1**

DBP409 Urban Planning Practice

DBP410 Research Methods In Planning

DBP411 Community Planning

**Year 2, Semester 2**

DBP408 Planning Implementation And Law

DBP413 Regional Planning Practice

DBP414 Regional And Metropolitan Policy

**Year 3, Semester 1**

DBP412 Planning Theory And Ethics

DBP415 Professional Practice Or Research Project

DBP416 Elective

DBP416 Elective offers Specialisations in Urban Housing, Urban Design and Environmental and Social Planning. Other topics may be offered depending on staff availability.

DBP417 Comparative Planning

**■ Graduate Diploma in Urban Design (DB69)**

**Award title:** Graduate Diploma in Urban Design

**CRICOS code:** 014018G

**Location:** Gardens Point

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 1.5 Years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Danny O'Hare

### Entry requirements

A Bachelor of Built Environment in a related discipline with a grade point average of 5 or better and demonstrated potential in a relevant professional activity or a degree or postgraduate qualification, relevant to Urban Design, with the grade point average of 5 or better and demonstrated potential in a relevant professional activity.

Applicants may be granted provisional entry to this course with a modified enrolment program on the basis of alternative academic or professional attainments.

You may be required to undertake a qualifying program to develop design literacy and graphic skills. A three-module full fee paying Summer unit is available for this purpose. Computer literacy is also required.

### Course Requirements

Students must complete a minimum of 48 credit points per semester in the full-time course and a minimum of 24 credit points per semester in the part-time course. Students with a suitable grade point average may articulate into the Masters program.

### Course Structure

To be eligible for the Graduate Diploma students must complete the first two semesters outlined below. If students complete the Graduate Diploma with a suitable grade point average, they can articulate into the Masters program.

### Full-time Course structure

#### Summer Semester - Introductory Unit

PSP275 Introductory Design And Graphics  
Available in three modules to suit individual needs. Fee \$320 per module.

#### Full-time Structure

##### Year 1, Semester 1

ARB081 History, Theory And Criticism Of Urban Design  
ARB082 Urban Design Studio B  
PSP453 Urban Systems And The Physical Environment

##### Year 1, Semester 2

PSN214 Elective  
OR  
PSN211 Research Project 1  
PSP452 Urban Design Studio A  
PSP451 Production And Use Of The Built Environment

### Part-time Course Structure

#### Year 1, Semester 1

ARB081 History, Theory And Criticism Of Urban Design  
PSP453 Urban Systems And The Physical Environment

#### Year 1, Semester 2

PSP452 Urban Design Studio A  
PSP451 Production And Use Of The Built Environment

#### Year 2, Semester 1

ARB082 Urban Design Studio B  
PSN214 Elective  
OR  
PSN211 Research Project 1

## ■ Graduate Certificate in Advanced Landscape Techniques (PS77)

**Award title:** Graduate Certificate in Advanced Landscape Techniques

**CRICOS code:** 040338J

**Course duration (part-time):** 2 Semesters

**Total credit points:** 48

**Course coordinator:** Mr Glenn Thomas

### Entry Requirements

Applicant must have completed PS75 Graduate Certificate in Landscape Techniques and PS76 Graduate Certificate in Landscape Design or approved equivalent.

### Part-time Course structure

#### Year 1, Semester 1

PSP269 Advanced Construction And Practice 1  
PSP270 Elective

#### Year 1, Semester 2

PSP272 Advanced Construction And Practice 2  
PSP273 Landscape Planning

## ■ Graduate Certificate in Building Fire Safety (AR65)

**Award title:** Graduate Certificate in Building Fire Safety

**Location:** Gardens Point

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Mr Jack Williamson

### Entry requirements

- (1) A bachelor degree in either engineering, architecture, applied science (construction management), building or allied areas or degree-equivalent professional qualifications.
- (2) Candidates without a degree will be assessed by the Course Coordinator, with reference to the applicant's industry experience and qualifications.

### Duration

This course will be delivered by part-time study in block release format each semester. Students will be notified when the periods will be conducted. If you require further details please contact the School.

### Professional Recognition

Support has been received from the Australian Institute of Building Surveyors; the Institution of Fire Engineers; The Institution of Engineers Australia; Society of Fire Safety; Queensland Fire Protection Industry Association Inc.; Queensland Department of Local Government and Planning; Queensland Department of Public Works and Housing; The Royal Australian Institute of Architects; Queensland Fire and Rescue Authority.

### Course structure

#### Semester 1

ARB801 Fire Technology And Science  
ARB803 Fire And Building Legislation

#### Semester 2

ARB802 Human Behaviour And Fire  
ARB804 Fire Safety System Design  
ARB801 and ARB803 are prerequisites to ARB804, ARB802 is a corequisite with ARB804.

The units are offered in block mode, for further details please contact the School

## ■ Graduate Certificate in Civil Engineering (CE62)

**Award title:** Graduate Certificate in Civil Engineering

**CRICOS code:** 040341C

**Location:** Gardens Point

**Course duration (full-time):** Full-time may be available in consultation with Course Coordinator.

**Course duration (part-time):** 1 year (must be completed in a maximum of 4 semesters).

**Total credit points:** 48

**Course coordinator:** Mr Yin Foong

### Articulation

Students who achieve a grade point average of 5.0 or above in the Graduate Certificate will be able to apply for entry to the Master of Engineering Science (Civil) (CE74) on the condition that they possess an undergraduate degree in engineering.

**Course structure**

**Road Engineering Strand Semester 1**

CEP293 Pavement Design  
Elective

**Road Engineering Strand Semester 2**

CEP175 Pavement Maintenance Rehabilitation And Recycling  
Elective

**Engineering Administration Strand Semester 1**

CEP294 Engineering Contract Development And Administration  
Elective

**Engineering Administration Strand Semester 2**

CEP295 Civil Engineering Management In A Project Environment  
Elective

**Environmental Engineering Strand Semester 1**

CEP291 Environmental Law And Assessment  
Elective

**Environmental Engineering Strand Semester 2**

CEP141 Studies In Environmental Engineering  
Elective

**Transport Engineering Strand Semester 1**

CEP218 Transportation Engineering  
Elective

**Transport Engineering Strand Semester 2**

CEP216 Advanced Traffic Engineering  
Elective

**Electives - Semester 1**

CEP012 Railway Management Operation and Safety  
CEP127 Road And Traffic Engineering  
CEP142 Water Pollution Control  
CEP218 Transportation Engineering  
CEP291 Environmental Law And Assessment  
CEP293 Pavement Design

**Electives - Semester 2**

CEP011 Railway Business and Engineering  
CEP012 Railway Management Operation and Safety  
CEP141 Studies In Environmental Engineering  
CEP143 Biological Treatment Processes  
CEP151 Road Safety Audit - Principles and Practice  
CEP175 Pavement Maintenance Rehabilitation And Recycling  
CEP201 Process Modelling  
CEP216 Advanced Traffic Engineering  
CEP292 Engineering Practice 2  
CEP294 Engineering Contract Development And Administration

The School reserves the right to offer the units according to enrolment quotas and staff availability.

**■ Graduate Certificate in Computer and Communications Engineering (EE61)**

**Award title:** Graduate Certificate in Computer and Communications Engineering

**Location:** Gardens Point

**Course duration (full-time):** 1 Semester

**Course duration (part-time):** 2 Semesters

**Total credit points:** 48

**Course coordinator:** Mr John Edwards

**Entry requirements**

A bachelor degree in Electrical Engineering, Information Technology or equivalent.

**Course Structure**

In the Graduate Certificate students select a total of four units from semester 1 and semester 2 lists.

**Semester 1 - Units**

EEP101 Algorithms For Control And Engineering  
EEP102 Unix And C For Engineers  
EEP103 Computer Hardware And Interfacing  
EEP124 Data Communications  
EEP126 Communications Digital Signal Processing  
EEP137 Advanced Topic A

**Semester 2 - Units**

EEP104 Real-Time Operating Systems  
EEP120 Networks And Distributed Computing  
EEP123 Process Control And Robotics  
EEP127 Advanced Topic B

EEP128 Detection And Estimation  
EEP129 Image Processing And Computer Vision  
EEP135 Digital Signal Processing And Applications

**Note:**

Graduate Certificate students complete 4 units from semester 1 and 2 lists.

For Advanced Topics A and B, with approval of the Course Coordinator, students may enrol in appropriate units from other schools within QUT.

Students can also enrol in final year Electrical and Electronic Systems Engineering graduate level units.

**■ Graduate Certificate in Designed Environments for Ageing (DB60)**

**Award title:** Graduate Certificate in Designed Environments for Ageing

**CRICOS code:** 040328M

**Course duration (part-time):** 2 Semesters - Flexible delivery (on-line and on-campus intensive)

**Total credit points:** 48

**Course coordinator:** Dr Malgosia Zlobicki

**Entry Requirements**

An undergraduate degree/equivalent professional qualifications or demonstrated relevant work experience.

**Course structure**

**Semester 1**

DBP001 Criteria Of Design For Ageing  
DBP002 Performance Of Design For Ageing

**Semester 2**

DBP003 Evaluation Of Design For Ageing  
DBP004 Realisation Of Design For Ageing  
Units are flexible delivery (online and on-campus intensive)

**■ Graduate Certificate in Electricity Supply Engineering (EE82)**

**Award title:** Graduate Certificate in Electricity Supply Engineering

**Location:** Gardens Point and External

**Course duration (full-time):** 1 Semester

**Course duration (part-time):** 2 Semesters

**Total credit points:** 48

**Course coordinator:** Associate Professor David Birtwhistle

**Entry requirements**

A bachelor degree in electrical engineering with a study of power subjects to third level. Provision also for Associate Diploma or Advanced Diploma holders to enter Graduate Certificate and Graduate Diploma.

**Course Structure**

In the Graduate Certificate students choose 12 units from List 1.

**Full-time Course Structure**

**Semester 1**

12 Units (selected from List)

**Part-time Course Structure**

**Year 1, Semester 1**

6 Units (selected from List)

**Year 1, Semester 2**

6 Units (selected from List)

**List 1, Semester 1**

EEP201 Fundamentals Of Power System Earthing  
EEP202 Thermal Ratings And Heat Transfer  
EEP203 Testing And Condition Monitoring  
EEP204 Power System Load Flow Analysis  
EEP205 Power System Fault Calculations  
EEP206 Project Management  
EEP208 Economic Analysis For Power System Engineers  
EEP209 Power System Harmonics  
EEP210 Abnormal System Voltages  
EEP211 Basic Power System Protection  
EEP213 Advanced Power System Protection

EEP218	Introduction To Automated System Control And Supervisory Systems
EEP219	High Voltage Substation Equipment: Power Transformers And Reactive Power Plant
EEP240	Organisation And Financial Management Of The ESI
EEP243	Contract Administration
EEP248	Introduction To Electricity Markets

**List 1, Semester 2**

EEP207	Overhead Line Route Selection - Environmental Factors
EEP212	Advanced Power System Protection
EEP214	Risk Assessment In The Electricity Supply Industry
EEP215	Reliability
EEP216	Overhead Line Design - Electrical
EEP217	Overhead Line Design - Mechanical
EEP220	Distribution Planning
EEP221	Limits To Power System Stability
EEP222	Maintenance Of Electricity Supply Systems
EEP223	Load Forecasting
EEP224	Power System Operation
EEP241	Distance Protection
EEP242	Efficient Marketing And Utilisation Of Electricity: Demand And Supply Side Solutions
EEP244	Circuit Breakers - Switchgear
EEP245	Introduction To Substation Design
EEP246	Customer Metering

*Units available as resource-based learning (distance education) with flexible enrolment*

EEP202	Thermal Ratings And Heat Transfer
EEP204	Power System Load Flow Analysis
EEP208	Economic Analysis For Power System Engineers
EEP209	Power System Harmonics
EEP210	Abnormal System Voltages
EEP211	Basic Power System Protection
EEP212	Advanced Power System Protection
EEP213	Advanced Power System Protection
EEP214	Risk Assessment In The Electricity Supply Industry
EEP215	Reliability
EEP220	Distribution Planning
EEP241	Distance Protection

**Graduate Certificate in Engineering Management (ME74)**

**Award title:** Graduate Certificate in Engineering Management

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Course coordinator:** Dr Jun Wang

**Location**

Singapore (Organised by Crossfields Asia Pacific Pte Ltd.)

**Aim**

The aim of the course is to provide engineers with an introduction to management methods and systems of key relevance to the engineering profession. Particular emphasis is given to manufacturing and management, and to maintenance, quality and reliability.

**Course Outline**

The course consists of four coursework units. The units are offered on a block basis. Each block occupies two weeks with lectures each evening Monday to Friday.

**Graduate Certificate in Engineering Management (ME75)**

**Award title:** Graduate Certificate in Engineering Management

**CRICOS code:** 018208C

**Location:** Gardens Point

**Course duration (full-time):** 1 Semester

**Course duration (part-time):** 2 Semesters

**Total credit points:** 48

**Course coordinator:** Dr Jun Wang

**Entry Requirements**

A bachelor degree in engineering or relevant training and experience, as assessed by the Course Coordinator.

**Course Structure**

Graduate Certificate students will take four units all of which are offered as part of the Master of Engineering Management. A similar course is offered in Singapore in conjunction with Crossfields Asia Pty Ltd.

**Semester 1**

MEN171	Advanced Manufacturing Technologies
MEN177	Total Quality Management
MEN241	Reliability And Maintenance Management
MEN280	Engineering Project Management

**Semester 2**

MEN170	Systems Modelling And Simulation
MEN172	Cost Analysis And Asset Management
MEN175	Energy And Environmental Management
MEN272	Enterprise Resource Planning

**Note:**

Students take 4 units.

Mid-Year Entry students studying full-time take Semester 2 units.

**Graduate Certificate in Geographic Information Systems (PS79)**

**Award title:** Graduate Certificate in Geographic Information Systems

**CRICOS code:** 040339G

**Location:** Gardens Point

**Course duration (full-time):** 1 Semester

**Course duration (part-time):** 2 Semesters

**Total credit points:** 48

**Course coordinator:** Dr John Hayes

**Entry Requirements**

A relevant bachelor degree or diploma from an approved tertiary institution; OR qualifications deemed equivalent to the above by the Head of School of Design and Built Environment; OR other academic qualifications supported by a minimum of 2 years work experience of relevant depth and breadth on application to the Head of School, Design and Built Environment.

**Full-time Course Structure**

**Semester 1**

PSB631	Geographic Information Systems 1
PSB654	Topics in Spatial Information Science
	Choose 2 Electives*

*Electives (subject to availability)*

**Semester 1**

DBP401	Urban And Site Analysis
DBP402	Planning Processes
PSB432	History Of Built Environment
PSB612	Spatial And Land Information Management
PSB630	Cartography And Digital Mapping
PSB643	Geodesy
PSN213	Specialisation
PSN214	Elective
PSP311	Professional Practice Management
PSP314	Boundary Definition Surveys 1
PSP316	Survey Computing And Processing
PSP317	Property Development Surveys

**Semester 2**

BNB011	Fundamentals Of Synthetic Environments
DBP407	Environmental Planning And Management
DBP501	Specialisation
PSB631	Geographic Information Systems 1
PSB632	Photogrammetry
PSB633	Map Production: Principles And Practice
PSB644	Advanced Geodesy
PSB655	Remote Sensing
PSP268	Site Planning
PSP273	Landscape Planning
PSP326	GIS And GPS
PSP330	Professional Practice Management 2
PSP510	Specialisation

**Notes:**

Please consult with the Course Coordinator before finalising your enrolment.

Full-time students are required to enrol in 48 credit points per semester. This includes two core units per semester and two Electives from the list above, or from other undergraduate and postgraduate units.

**Part-time Course Structure**

**Year 1, Semester 1**

PSB631 Geographic Information Systems 1  
Choose 1 Elective\*

**Year 1, Semester 2**

PSB654 Topics In Spatial Information Science  
Choose 1 Elective\*

**Electives (subject to availability)**

Please refer to Full-time Course Structure for list of Electives.

**Notes:**

Please consult with the Course Coordinator before finalising your enrolment.

Part-time students are required to enrol in 24 credit points per semester. Select one core unit and any other unit from the Electives listed, or from other undergraduate and postgraduate units.

**Full-time Course Structure - July Entry**

**Semester 2**

PSB631 Geographic Information Systems 1  
PSB654 Topics In Spatial Information Science  
Choose 2 Electives\*

**Electives (subject to availability)**

Please refer to Full-time Course Structure for list of Electives.

**Notes:**

Please consult with the Course Coordinator before finalising your enrolment.

Full-time students are required to enrol in 48 credit points per semester. This includes two core units per semester and two electives from the above-mentioned list, or from other undergraduate and postgraduate units.

**Part-time Course Structure - July Entry**

**Year 1, Semester 2**

PSB631 Geographic Information Systems 1  
Choose 1 Elective\*

**Year 2, Semester 1**

PSB654 Topics In Spatial Information Science  
Choose 1 Elective\*

**Electives (subject to availability)**

Please refer to Full-time Course Structure for list of Electives.

**Notes:**

Please consult with the Course Coordinator before finalising your enrolment.

Part-time students are required to enrol in 24 credit points per semester. Select one core unit and any other unit from the electives listed, or from other undergraduate and postgraduate units.

**■ Graduate Certificate in Geomatics (PS73)**

**Award title:** Graduate Certificate in Geomatics

**CRICOS code:** 036436G

**Location:** Gardens Point

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Course coordinator:** Dr John Hayes

**Entry requirements**

A recognised tertiary degree requiring at least four years full time study or its equivalent;

OR a degree from another tertiary institution considered by the Head of School of Design and Built Environment to be at least equivalent to the degree of Bachelor of Surveying of this University.

In addition, graduates should have at least one year's field experience (or its equivalent) following graduation in the practice of surveying. Entry will also be available on the basis of other academic qualifications supported by a minimum of 2 years work experience of relevant depth and breadth on application to the Head of School.

**Professional Recognition**

The Graduate Certificate is recognised professionally by the Mapping Sciences Institute, Australia.

**Full-time Course Structure - February Entry**

**Semester 1**

PSP311 Professional Practice Management  
PSP316 Survey Computing And Processing  
Choose 2 Electives\*

**Notes:**

Students are required to select any two units from the Electives listed below. Please consult with the Course Coordinator before finalising your enrolment.

**Full-time Course Structure - July Entry**

**Semester 2**

PSP323 Project Site Surveys  
PSP326 GIS And GPS  
Choose 2 Electives

**Notes:**

Students are required to select any two units from the Electives listed below. Please consult with the Course Coordinator before finalising your enrolment.

**Part-time Course Structure - February Entry**

**Semester 1**

PSP311 Professional Practice Management  
PSP316 Survey Computing And Processing

**Semester 2**

Choose 2 Electives\*

**Notes:**

Students are required to select any two units from the Electives listed below. Please consult with the Course Coordinator before finalising your enrolment.

**Part-time Course Structure - July Entry**

**Semester 2**

Choose 2 Electives

**Semester 1**

PSP311 Professional Practice Management  
PSP316 Survey Computing And Processing

**Notes:**

Students are required to select any two units from the Electives listed below. Please consult with the Course Coordinator before finalising your enrolment.

**PS73 - Electives (subject to availability)**

**Semester 1**

BNB011 Fundamentals Of Synthetic Environments  
DBP401 Urban And Site Analysis  
DBP402 Planning Processes  
PSB432 History Of Built Environment  
PSB612 Spatial And Land Information Management  
PSB630 Cartography And Digital Mapping  
PSB643 Geodesy  
PSP314 Boundary Definition Surveys 1  
PSP317 Property Development Surveys

**Semester 2**

BNB011 Fundamentals Of Synthetic Environments  
DBP407 Environmental Planning And Management  
PSB631 Geographic Information Systems 1  
PSB632 Photogrammetry  
PSB633 Map Production: Principles And Practice  
PSB644 Advanced Geodesy  
PSB655 Remote Sensing  
PSP268 Site Planning  
PSP273 Landscape Planning

**■ Graduate Certificate in Landscape Design (PS76)**

**Award title:** Graduate Certificate in Landscape Design

**CRICOS code:** 037546E

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 2 semesters

**Total credit points:** 48 credit points

**Course coordinator:** Mr Glenn Thomas



### Entry Requirements

To be eligible for admission, an applicant must have completed PS75 Graduate Certificate in Landscape Techniques or an approved equivalent.

### Course structure

#### Foundation Level Studies

PSP275 Introductory Design And Graphics  
Required prerequisite for non-BN31 applicants for entry to PSP261 or PSP264

#### Full-time course structure - Semester 1

PSP265 Landscape Construction 2  
PSP266 Communication And Practice 2  
PSP267 Heritage And Plant Studies  
PSP268 Site Planning

#### Part-time course structure - Semester 1

PSP263 Landscape Ecology  
PSP264 Spatial Design Theory

#### Part-time course structure - Semester 2

PSP267 Heritage And Plant Studies  
PSP268 Site Planning

## ■ Graduate Certificate in Landscape Techniques (PS75)

**Award title:** Graduate Certificate in Landscape Techniques

**CRICOS code:** 037545F

**Location:** Gardens Point

**Course duration (full-time):** 1 Semester

**Course duration (part-time):** 2 Semesters

**Total credit points:** 48

**Course coordinator:** Mr Glenn Thomas

### Entry Requirements

A relevant two year diploma and industry experience or approved equivalent; or a three year diploma or bachelors degree.

Applicants from non-design qualifications require basic skills in design/perception theory, freehand and technical graphics.

Computer literacy is also required.

### Course structure

#### Summer Semester- Foundation Level Studies

PSP275 Introductory Design And Graphics  
This unit is a required pre-requisite for non BN31 applicants for entry into PSP261 or PSP264

#### Full-time Course Structure - Semester 1

PSP261 Landscape Construction 1  
PSP262 Communication And Practice 1  
PSP263 Landscape Ecology  
PSP264 Spatial Design Theory

#### Part-time Course Structure - Semester 1

PSP261 Landscape Construction 1  
PSP262 Communication And Practice 1

#### Part-time Course Structure - Semester 2

PSP265 Landscape Construction 2  
PSP266 Communication And Practice 2

## ■ Graduate Certificate in Planning Studies (PS82)

**Award title:** Graduate Certificate in Planning Studies

**Location:** Gardens Point

**Course duration (full-time):** 1 Semester

**Course duration (part-time):** 2 Semesters

**Total credit points:** 48

**Course coordinator:** Assoc Prof Phil Heywood

### Entry Requirements

To be eligible for normal admission, an applicant should have: a recognised tertiary degree in any discipline requiring at least three years' full time study or its equivalent

or

other documented qualifications and experience considered to be equivalent by the Head of School of Design and Built

Environment. Applicants may be required to attend an interview, or sit an examination where appropriate, as part of the selection process.

### Course Structure

For those wishing to use the Graduate Certificate as a refresher or introductory course, the course may consist of any four units selected from the Graduate Diploma offerings, each at 12 credit points. The full-time mode consists of 4 units undertaken in either semester and the part-time mode consist of 4 units undertaken over any two semesters.

### Full-time Course structure

#### Semester 1

DBP401 Urban And Site Analysis  
DBP402 Planning Processes  
DBP411 Community Planning  
DBP501 Specialisation

### Part-time Course structure

#### Semester 1

DBP402 Planning Processes  
DBP411 Community Planning

#### Semester 2

DBP405 Urban Design  
DBP416 Elective

DBP416 Elective offers Specialisations in Urban Housing, Urban Design and Environmental and Social Planning. Other topics may be offered depending on staff availability.

### Mid-Year Entry Course structure (Full-time)

#### Semester 2

DBP405 Urban Design  
DBP408 Planning Implementation And Law  
DBP407 Environmental Planning And Management  
DBP416 Elective

DBP416 Elective offers Specialisations in Urban Housing, Urban Design and Environmental and Social Planning. Other topics may be offered depending on staff availability.

### Mid-Year Entry Course structure (Part-time)

#### Semester 2

DBP405 Urban Design  
DBP416 Elective

DBP416 Elective offers Specialisations in Urban Housing, Urban Design and Environmental and Social Planning. Other topics may be offered depending on staff availability.

#### Semester 1

DBP402 Planning Processes  
OR  
DBP401 Urban And Site Analysis  
DBP411 Community Planning

## ■ Graduate Certificate in Project Management (CN81)

**Award title:** Graduate Certificate in Project Management

**CRICOS code:** 012705A

**Location:** Gardens Point

**Course duration (full-time):** 1 Semester

**Course duration (part-time):** 1 Year

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Stephen Kajewski

### Entry requirements

- (1) A relevant bachelor degree from an approved tertiary institution; OR
- (2) Qualifications and/or extensive, relevant professional experience deemed equivalent to the above by the Dean of Faculty on the recommendation of the course coordinator; AND
- (3) At least three years of appropriate industry experience after graduation.

### Course Structure

The first semester full-time or two semesters part-time are identical to the Graduate Diploma in Project Management (CN64). Students who complete the Graduate Certificate in Project Management (CN81) and are successful in gaining entry into the Graduate Diploma in Project Management (CN64) or Master of Project Management (CN77) will be eligible to receive credit for all units studied in the Graduate Certificate.

The full-time Graduate Certificate can only be completed in Semester 1 of any year.

Students who commence mid-year should enrol in Semester 2 units.

#### Full-time Course structure

##### Year 1, Semester 1

CNP520	Project Management
CNP521	Project Cost And Risk Management
CNP532	Innovation And Technology Management
CNP551	Project Human Resource Management

#### Part-time Course Structure

##### Year 1, Semester 1

CNP520	Project Management
CNP521	Project Cost And Risk Management

##### Year 1, Semester 2

CNP533	Project Management Law
CNP534	International Project Management

## ■ Graduate Certificate in Property Economics (CN90)

**Award title:** Graduate Certificate in Property Economics

**CRICOS code:** 036428G

**Location:** Gardens Point

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 1 year

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Professor Terry Boyd

#### Entry requirements

- (1) A relevant bachelor degree from an approved tertiary institution; OR
- (2) Qualifications and/or relevant training considered to be deemed equivalent to the above by the Dean of Faculty on the recommendation of the course coordinator; AND
- (3) At least three years of appropriate industry experience after graduation.

#### Course Structure

In the Graduate Certificate and Graduate Diploma courses, students complete coursework units from the Masters degree with a range of elective options available.

The full-time Graduate Certificate can only be completed in Semester 1 of any year.

Students who commence mid-year should enrol in Semester 2 units.

#### Full-time Course structure

##### Development major - Year 1, Semester 1

CNP547	Property Investment
CNP555	Property Market Analysis
CNP520	Project Management
CNP521	Project Cost And Risk Management

##### Investment major - Year 1, Semester 1

CNP547	Property Investment
CNP555	Property Market Analysis
CNP556	Property Management And Contracts
EFN406	Managerial Finance

#### Part-time Course Structure

##### Development major - Year 1, Semester 1

CNP547	Property Investment
CNP555	Property Market Analysis

##### Development major - Year 1, Semester 2

CNP554	Advanced Land Development
CNP545	Project Development

##### Investment major - Year 1, Semester 1

CNP547	Property Investment
CNP555	Property Market Analysis

##### Investment major - Year 1, Semester 2

CNP557	Property Portfolio Analysis
CNP554	Advanced Land Development

## ■ Course Requirements and Notes Relating to Undergraduate Courses

### Course Progression

It is important that students follow as normal a progression through their courses as possible. Units should be taken in an orderly sequence as set out in published course structures. Units failed should be picked up in the next semester that they are offered. Prerequisite units must normally be passed before a student may proceed to a further unit which has the prerequisite so specified. The course coordinator should be consulted regarding variations from the course structure. This is considered to be a major concession. Students who have failed units, or have doubts about having the necessary background to proceed, should seek the advice of the course coordinator.

### Summer Program

The Faculty offers a limited number of units in the summer semester. This summer program enables students to pick up units and, in the case of mid-year entry students, in some courses, allows them to accelerate their program and complete their course in 3.5 years.

### Supplementary Assessment

It is not normally faculty policy to grant supplementary examinations. However, at the discretion of the Dean of Faculty, supplementary or further assessment may be permitted in cases where a student is near to the completion of their course.

In such cases it is normal policy to award an 'A' (Result Unfinalised) and to give the student further assessment. Following satisfactory completion of this further assessment, the highest grade which may normally be awarded is a grade of 3 (Pass Conceded).

### Awards with Honours

Honours may be awarded to graduands of the Bachelor of Architecture, the four-year single degree and five-year double degree Bachelor of Engineering and Surveying courses, the four-year Bachelor of Applied Science courses in Construction Management and Quantity Surveying, and the Bachelor of Property Economics. First class honours, second class honours division A and second class honours division B may be awarded. Candidates for a degree with honours must fulfil the requirements for a pass degree and achieve a standard of proficiency in all course units as may from time to time be determined by the Faculty academic board and approved by University Academic Board.

### Eligibility for Honours

Eligibility for awards with honours is not affected by the time taken to complete a course. However, to be eligible for such an award, a graduand must have completed the course within the maximum number of calendar years specified in Student Rule 2(19) (see the student rules section). Three- and four-year (full-time) courses must be completed in ten years. Combined degree courses must be completed in eleven years. Time limits are measured in calendar years from the first day of the first semester in which the student was enrolled and include periods of interruption such as leave of absence. In addition, to be eligible for an award with honours, a graduand must have been enrolled in the course at QUT for at least two years of full-time study or its equivalent.

**Honours Based on Grade Point Average**

The Built Environment and Engineering Academic Board has resolved that awards with honours for students graduating post-1992 will be based on grades achieved by students throughout the whole of their course as determined by the Grade Point Average (GPA) calculation.

The GPA calculation includes all attempts at units which are awarded a numeric grade, or the result 'Withdrawn — Failure' (which is converted to a grade of 1).

Students obtaining a GPA of 6.0 or greater will normally qualify for the award of first class honours. Students obtaining a GPA of 5.5 to 5.99 will normally qualify for the award of second class honours division A. Students obtaining a GPA of 5.0 to 5.49 will normally qualify for the award of second class honours division B.

**Awards With Distinction**

Awards 'with distinction' may be awarded to graduates of the three-year single degree courses and the graduate diploma courses undertaken in the Faculty of Built Environment and Engineering. Candidates for a degree 'with distinction' must fulfil the requirements for a pass degree and achieve a standard of proficiency in all course units as may from time to time be determined by the Faculty Academic Board and approved by the University Academic Board.

**Eligibility for 'With Distinction'**

See *Eligibility for Honours*.

**With Distinction Based on Grade Point Average**

The Built Environment and Engineering Academic Board has resolved that awards 'with distinction' will be based on grades achieved by students throughout the whole of their course as determined by the grade point average calculation.

The GPA calculation includes all attempts at units which are awarded a numeric grade, or the result 'Withdrawn — Failure' (which is converted to a grade of 1).

Students obtaining a GPA of 5.5 or greater will normally qualify for the award of with distinction.

**Dean's List**

Each semester, the Faculty of Built Environment and Engineering will publish a Dean's List comprising names of students achieving a GPA of 6.50 or better. The list will be posted on school notice boards. Students will receive a certificate in recognition of their achievement.

**Use of Calculators in Examinations**

Restrictions apply on the use of calculators in examinations. Students should consult their unit coordinator for details.

**Field Trips**

Attendance at field trips or field projects in engineering and surveying/mapping courses is compulsory.

**Personal Protection Equipment (PPE) Policy**

Protective equipment refers to safety glasses/goggles, hearing protection, safety boots, gloves and similar items. While all care is taken to reduce the risks to which students are exposed, protective equipment will be required to be worn in some practical sessions and field excursions. Students are required to wear PPE where and when it has been made clear that it is needed. Students are required to provide certain PPE as indicated by each school within the faculty.

Students enrolled in units specified by the School of Civil Engineering will be required to wear safety shoes for most laboratory practicals and/or field trips. Students not wearing appropriate safety shoes on these occasions will be barred from (i) participating in activities in these units, and (ii) submitting any assessment associated with these activities. Hard hats will be supplied by the School of Civil Engineering, as required.

Students **must** provide their own safety shoes, safety glasses/goggles and hearing protection equipment.

All students are bound by the *Queensland Workplace Health and Safety Act*. In this respect, students carrying out their final year projects will be required to do a risk assessment of such projects and also suggest risk management steps that will be taken in case of an accident.

**Industrial Experience for Engineering and Surveying/Mapping Courses**

Industrial Experience forms part of the requirements of engineering and surveying degree courses, in order to provide a realistic background for formal academic studies and to ensure that students become effectively balanced in their professional development. For engineering students, it is a requirement of the Institution of Engineers, Australia, for graduate membership. Industrial Experience is usually undertaken during the long vacation or the mid-semester recess as an employee of a private firm, government agency or local authority, but can also be accumulated during part-time/full-time employment.

candidates must submit a report no later than the fourth week of the semester, following each period of Industrial Experience. The report is to be written in the required format describing work carried out during the period of Industrial Experience. An Industrial Experience Record Form signed by the employer is also to be submitted. Industrial Experience Record Forms are available from outside the Faculty Office, Level 10, S Block, Gardens Point campus and the School of Design and Built Environment, Level 5, D Block, Gardens Point campus.

A candidate for the degree of Bachelor of Technology (Civil) must obtain at least 45 days of industrial experience in an engineering environment approved by the course coordinator.

A candidate for the degree of Bachelor of Technology (Mechanical) must obtain at least 50 days of industrial experience approved by the course coordinator.

Engineering students must obtain at least 60 days of Industrial Experience in an engineering environment approved by the course coordinator.

Surveying/mapping students must obtain at least 90 days of industrial experience in a surveying/mapping environment approved by the course coordinator.

Bachelor of Engineering (Aerospace Avionics) students are required to obtain 10 days specialist experience in the avionics industry. This is in addition to the 60 days industrial experience requirement.

Industrial Experience information booklets can be obtained from the Student Services Officer in the Faculty Office, Level 10, S Block, Gardens Point campus.

**Enrolment in Industrial Experience**

Surveying/mapping and Engineering students should not formally enrol in industrial experience.

**Industrial Experience Requirements**

A candidate for the Bachelor of Architecture degree must be engaged in approved employment for at least 48 recognised weeks in the first three years of the course (ADB795 Practice Experience A), and for at least 72 recognised weeks in the second three years (ADB796 Practice Experience B).

**Approved employment**

Approved employment means working under the direction of an architect who is registered at the place of practice where the experience is obtained.

**Minimum 8 weeks at a time**

Periods of work experience of less than eight recognised weeks continuous duration cannot be accredited.

**Recognised week**

A recognised week is a week of five days work. During semester, when students normally work a three to four-day week, the 18-week semester (13 weeks in class and 5 weeks in examination), translates to 14.4 recognised weeks. The figure is rounded off to 14 weeks to take into account public holidays. Students in continuous concurrent employment would normally accumulate 40 recognised weeks in a calendar year. (A three-day working week constitutes 3/5 of a recognised week; a six-day working week constitutes 6/5 of a recognised week). All reference to a week in the following text shall mean a 'recognised week'.

**First and second year commencement**

Candidates who are admitted into the course at the beginning of first and second year must satisfy all ADB795 Practice Experience A and ADB796 Practice Experience B requirements.

**Third year commencement**

Candidates admitted to the course at the beginning of third year must complete 24 weeks in ADB795 Practice Experience A and all ADB796 Practice Experience B requirements.

**After third year commencement**

Candidates admitted directly into the course after the end of third year must satisfy ADB796 Practice Experience B only.

**Prerequisite**

ADB795 Practice Experience A is normally a prerequisite for ADB796 Practice Experience B.

**Allied Experience during the course**

Candidates may accumulate up to 12 weeks maximum in ADB795 Practice Experience A and up to 18 weeks maximum in ADB796 Practice Experience B for work experience gained prior to enrolment or during the course in approved areas allied to architecture. (Commonly approved allied areas: Civil Engineering, Interior Design, Industrial Design, Quantity Surveying, Construction Management, Town Planning, Landscape Architecture, Building).

**Experience prior to commencement**

Candidates may accumulate a maximum of 24 weeks in ADB795 Practice Experience A and a maximum of 36 weeks in ADB796 Practice Experience B for **satisfactory** approved experience under the direction of an architect **prior to** enrolment in the course. These maximum periods can include satisfactory approved experience gained prior to enrolment in the course in approved areas allied to architecture (provided the total period claimed for experience in approved allied areas does not exceed the maximum periods set for that experience in ADB795 Practice Experience A or ADB796 Practice Experience B).

**Experience during leave of absence**

Candidates may accumulate up to 24 weeks in ADB795 Practice Experience A and 36 weeks in ADB796 Practice Experience B during periods of approved leave of absence from formal classes. This may be in a period during the course or after completion of the academic course requirements.

**Report each month**

All students should report on their practice experience using the electronic logbook at the end of each month. Students without access to electronic reporting of work experience should make other arrangements with the Course Coordinator for the reporting of their work experience.

**Report Form Practice Experience A**

QUT School of Architecture, Interior and Industrial Design Practice Experience Report forms must be filled in and lodged for ADB795 Practice Experience A.

**Report Log for Practice Experience B**

The Log Book of Practical Experience published by the Architects Accreditation Council of Australia (ACA) and the University report forms must be filled out and lodged with QUT for ADB796 Practice Experience B.

**Satisfactory Employment for Course Progression and Graduation**

For administrative purposes, candidates must enrol in ADB795 Practice Experience A in the second semester of third year and then cannot proceed to fourth year until this unit of employment is satisfied, unless a special dispensation is granted. Candidates must enrol in ADB796 Practice Experience B in the second semester of sixth year and will not be eligible to graduate until this unit of employment is satisfied. In both cases the accumulated credit, as recorded through the semester reports, will form the basis for accrediting work experience.

**Credited Employment Counts Once**

Employment which has been approved or credited in ADB795 Practice Experience A cannot be considered for further approval or credit in ADB796 Practice Experience B.

**Full-time Students in Final Two Years**

Candidates proposing to study the final 192 credit points in the course in two years full-time:

- Candidates (including those who had previously been studying full-time) must have achieved a minimum of 36 weeks accredited to ADB796 Practice Experience B, before commencing Year Four.
- Candidates who had previously been studying part-time and who have satisfied ADB795 Practice Experience A, may apply in ADB796 Practice Experience B for credit of a maximum of 36 weeks of work experience accrued in the first three years which is in addition to that credited to ADB795 Practice Experience A.

**Types of Experience**

Types of experience required:

- ADB795 Practice Experience A:
  - At least 50 percent of time in undertaking design and/ or documentation.
- ADB796 Practice Experience B:
  - 50 percent of time in design stages and contract documentation (ACA item 4.30 and 4.5) and;
  - Preliminary site investigation and evaluation of at least one project (ACA item 4.2.4) and;
  - Project Management contract administration of at least one project at 'observer' status where direct experience is unavailable (ACA items 4.7.19, 4.7.21 and 4.7.22).

**■ Bachelor of Engineering - Dean's Scholars Program**

**Location:** Gardens Point

**Course duration (full-time):** BEng 3.5 years, BEng/MEngSc 4-4.5 years

**Total credit points:** BE 384, BE/MEngSc 456

**Course coordinator:** CE44 - Dr Martin Murray, EE41- Dr Duncan Campbell, ME41- Dr Andy Tan

**Professional Recognition**

Please check accreditation status against the individual courses.

**Course Outline**

The Dean Scholars Program is an accelerated program designed specifically for OPI or equivalent students. The Program provides the opportunity to complete a Bachelor of Engineering and a Master of Engineering Science in 4 to 4.5 years. Students have the option of exiting after the Bachelor of Engineering (3.5yrs). To be eligible to enrol in the Masters units and to proceed to the Masters, students must demonstrate appropriate levels of achievement in the Bachelor of Engineering course.

**Domestic Student Fees**

Students who enrol will receive a full scholarship that includes payment of all undergraduate Higher Education Contribution Scheme (HECS) monies for the bachelor program. Students who attain a GPA of 5.5 or above in their QUT studies and wish to

continue to the Master of Engineering accelerated program will receive further scholarship benefits: the full payment of the course fees for the masters program.

### International Student Fees

International students eligible for a Queensland OP, who are successful in gaining entry and enrol will receive a scholarship, which will partially cover their tuition fees. The Faculty will pay one third of the tuition fee and the student will be responsible for two thirds of the tuition fee and the Student Guild fees. Students who attain a GPA of 5.5 or above in their QUT studies and accept an offer to continue to the Master of Engineering accelerated program will receive further scholarship benefits: payment of the one third of the tuition fees for the masters program.

### Other Requirements

Students must complete at least 60 days of industrial experience in order to graduate.

### Civil - Dean's Scholars Course Structure

#### Year 1, Semester 1

CEB109 Engineering Mechanics 1  
MMB131 Engineering Materials  
CEB213 Environmental Science  
MAB131 Engineering Mathematics 1A

or

MAB180 Engineering Mathematics 1  
MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Year 12 Mathematics C (or equivalent).

#### Year 1, Semester 2

BNB007 Professional Studies 1  
CEB110 Engineering Mechanics 2  
CEB217 Hydraulic Engineering 1  
EEB112 Electrical And Computer Engineering 1  
PCB136 Engineering Physics 1C

#### Summer Program

CEB209 Geotechnical Engineering 1  
MAB132 Engineering Mathematics 1B

#### Year 2, Semester 1

CEB207 Professional Studies 2  
CEB208 Materials Science  
CEB317 Professional Studies 4  
CEB319 Water Engineering

#### Year 2, Semester 2

CEB214 Professional Studies 3  
CEB215 Structural Engineering 1  
CEB216 Project Engineering 1  
CEB321 Water And Wastewater Treatment  
CEB322 Geotechnical Engineering 2

#### Year 3, Semester 1

CEB318 Structural Engineering 2  
CEB409 Professional Studies 6 (Civil Projects Design)  
CEB412 Project Engineering 2  
MAB138 Engineering Statistics and Numerical Methods

#### Year 3, Semester 2

CEB320 Professional Studies 5 (Steel And Concrete Structure Design)  
CEB323 Transport Engineering 1  
CEB413 Structural Engineering 3  
CEB414 Professional Studies 7(Capstone Project Design)

#### Summer Program

CEB411 Thesis Project A  
Master of Engineering Science unit

#### Year 4, Semester 1

CEB415 Thesis Project B  
Master of Engineering Science unit  
Master of Engineering Science unit  
Master of Engineering Science unit

#### Year 4, Semester 2

CEP997-1 Project  
CEP997-2 Project  
Master of Engineering Science unit  
Master of Engineering Science unit

Students must complete 60 days industrial experience before graduating. There may be minor variations in the program as CEB209 and CEB217 are offered in alternate Summer programs.

#### Electives

See Master of Engineering Science units under CE74 course structure

### Environmental Management - Dean's Scholars Course Structure

#### Year 1 - Semester 1

CEB109 Engineering Mechanics 1  
MAB131 Engineering Mathematics 1A  
or

MAB180 Engineering Mathematics 1  
MMB131 Engineering Materials  
CEB213 Environmental Science

MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Year 12 Mathematics C (or equivalent).

#### Year 1 Semester 2

BNB007 Professional Studies 1  
CEB110 Engineering Mechanics 2  
CEB217 Hydraulic Engineering 1  
EEB112 Electrical And Computer Engineering 1  
PCB136 Engineering Physics 1C

#### Year 1 - Summer

CEB232 Geotechnical Engineering 1 And The Environment  
MAB132 Engineering Mathematics 1B

#### Year 2 - Semester 1

CEB207 Professional Studies 2  
CEB230 Engineering Materials And The Environment  
CEB317 Professional Studies 4  
CEB319 Water Engineering

#### Year 2 - Semester 2

CEB233 Environmental Professional Studies 3 (Impacts Of Projects And Sustainable Development)  
CEB215 Structural Engineering 1  
CEB321 Water And Wastewater Treatment  
CEB322 Geotechnical Engineering 2  
PSB435 Social And Cultural Relations

#### Year 3 - Semester 1

CEB330 Environmental Management For Engineers  
CEB409 Professional Studies 6 (Civil Projects Design)  
CEB416 Environmental Law And Assessment  
MAB138 Engineering Statistics and Numerical Methods

#### Year 3 - Semester 2

CEB417 Environmental Professional Studies  
CEB418 Waste Resource Management  
CEB419 Environmental Management in Transport and Infrastructure  
PSB443 Population And Urban Studies

#### Year 3 - Summer

CEB420 Environmental Thesis A  
Master of Engineering Science unit

#### Year 4 - Semester 1

CEB415 Thesis Project B  
PSP453 Urban Systems And The Physical Environment  
PSP501 Environmental Planning And Assessment  
Master of Engineering Science unit

#### Year 4 - Semester 2

CEP997-1 Project B  
CEP997-2 Project B  
Master of Engineering Science unit  
Master of Engineering Science unit

#### Electives

See Master of Engineering Science units under CE74 Course Structure

### Electrical and Computer Engineering - Dean's Scholars Course Structure

#### Year 1, Semester 1

CEB109 Engineering Mechanics 1  
EEB112 Electrical And Computer Engineering 1  
PCB136 Engineering Physics 1C  
MAB180 Engineering Mathematics 1

or

MAB131 Engineering Mathematics 1A  
MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Year 12 Mathematics C (or equivalent).

#### Year 1, Semester 2

BNB007 Professional Studies 1  
EEB212 Electrical And Computer Engineering 2  
MAB132 Engineering Mathematics 1B  
MMB131 Engineering Materials

#### Year 2, Semester 1

EEB311 Electrical Measurement And Machines  
EEB312 Analog And Digital Electronics

EEB340 Introduction To Telecommunications  
 MAB134 Electrical Engineering Mathematics 3  
 General Elective

**Year 2, Semester 2**

EEB411 Classical Control And Power Systems  
 EEB412 Advanced Electronics And Embedded Systems  
 EEB440 Classical Signal Processing  
 MAB135 Electrical Engineering Mathematics 4

**Year 2, Summer Program**

EEB584 Introduction To Design

**Year 3, Semester 1**

EEB511 Modern Control And Power Electronics  
 EEB512 Industrial Electronics And Digital Design  
 EEB560 Digital Communications  
 EEB781 Professional Studies 2

**Year 3, Semester 2**

EEB612 Software Systems Design  
 EEB641 Fields Transmission And Propagation  
 EEB684 Advanced Design  
 EEB640 Digital Signal Processing  
 or  
 EEB650 Power Systems Analysis  
 Master of Engineering Science unit

**Year 3, Summer Program**

EEB889-1 Project  
 EEB889-2 Project

**Year 4, Semester 1**

Elective unit  
 Elective unit  
 Master of Engineering Science unit  
 Master of Engineering Science unit

EEP301-1 Project

**Year 4, Semester 2**

Master of Engineering Science unit  
 Master of Engineering Science unit  
 Master of Engineering Science unit

EEP301-2 Project

**Electives**

See list under EE41 Course Structure

**Computer Systems - Dean's Scholars Course Structure**

**Year 1 - Semester 1**

ITB111 Software Development 1  
 ITB114 Introduction to Network Technologies  
 PCB136 Engineering Physics 1C  
 MAB180 Engineering Mathematics 1  
 OR

MAB131 Engineering Mathematics 1A

MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Year 12 Mathematics C (or equivalent).

**Year 1 - Semester 2**

BNB007 Professional Studies 1  
 EEB213 Electrical Circuits And Measurements  
 ITB112 Software Development 2  
 ITB118 Systems Life Cycle  
 MAB132 Engineering Mathematics 1B

**Year 2 - Semester 1**

EEB312 Analog And Digital Electronics  
 EEB340 Introduction To Telecommunications  
 MAB139 Computer Engineering Mathematics 3  
 General Elective

**Year 2 - Semester 2**

EEB412 Advanced Electronics And Embedded Systems  
 EEB440 Classical Signal Processing  
 ITB421 Software Development 3  
 ITB448 Object Technology

**Year 2 - Summer Program**

EEB584 Introduction To Design

**Year 3 - Semester 1**

EEB512 Industrial Electronics And Digital Design  
 EEB560 Digital Communications  
 EEB566 Real-Time Computer-Based Systems  
 EEB781 Professional Studies 2

**Year 3 - Semester 2**

EEB612 Software Systems Design  
 EEB640 Digital Signal Processing  
 EEB666 Communication Environments For Embedded Systems  
 EEB684 Advanced Design

Master of Engineering Science Unit 1

**Year 3 - Summer**

EEB889-1 Project  
 EEB889-2 Project

**Year 4 - Semester 1**

Elective Unit 1  
 Elective Unit 2  
 Master of Engineering Science Unit 2

Units contributing to the undergraduate program are completed at this point. The remaining units complete the Masters component of the program.

Master of Engineering Science Unit 3

EEP301-1 Project

**Year 4 - Semester 2**

Master of Engineering Science Unit 4  
 Master of Engineering Science Unit 5  
 Master of Engineering Science Unit 6

EEP301-2 Project

**Electives**

See list under EE46 course structure

**Master of Engineering Science Units**

**Semester 1**

EEP101 Algorithms For Control And Engineering  
 EEP102 Unix And C For Engineers  
 EEP103 Computer Hardware And Interfacing  
 EEP124 Data Communications  
 EEP126 Communications Digital Signal Processing  
 EEP137 Advanced Topic A

**Semester 2**

EEP104 Real-Time Operating Systems  
 EEP120 Networks And Distributed Computing  
 EEP123 Process Control And Robotics  
 EEP127 Advanced Topic B  
 EEP128 Detection And Estimation  
 EEP129 Image Processing And Computer Vision  
 EEP135 Digital Signal Processing And Applications  
 EEP301-1 Project  
 EEP301-2 Project

**Telecommunications - Dean's Scholars Course Structure**

**Year 1 - Semester 1**

ITB111 Software Development 1  
 ITB114 Introduction to Network Technologies  
 PCB136 Engineering Physics 1C  
 MAB180 Engineering Mathematics 1  
 OR

MAB131 Engineering Mathematics 1A

MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Year 12 Mathematics C (or equivalent).

**Year 1 - Semester 2**

BNB007 Professional Studies 1  
 EEB213 Electrical Circuits And Measurements  
 ITB112 Software Development 2  
 ITB118 Systems Life Cycle  
 MAB132 Engineering Mathematics 1B

**Year 2 - Semester 1**

EEB312 Analog And Digital Electronics  
 EEB340 Introduction To Telecommunications  
 MAB134 Electrical Engineering Mathematics 3  
 General Elective

**Year 2 - Semester 2**

EEB412 Advanced Electronics And Embedded Systems  
 EEB440 Classical Signal Processing  
 ITB421 Software Development 3  
 MAB135 Electrical Engineering Mathematics 4

**Year 2 - Summer Program**

EEB584 Introduction To Design

**Year 3 - Semester 1**

EEB560 Digital Communications  
 EEB781 Professional Studies 2  
 ITB524 Internetworking  
 Elective Unit 1

**Year 3 - Semester 2**

EEB640 Digital Signal Processing  
 EEB641 Fields Transmission And Propagation  
 EEB684 Advanced Design

EEB960 Wireless Communications  
ITB527 Network Technologies

**Year 3 - Summer**

EEB889-1 Project  
EEB889-2 Project

**Year 4 - Semester 1**

EEB766 Communication Technologies  
Master of Engineering Science Unit 1  
Master of Engineering Science Unit 2

Units contributing to the undergraduate program are completed at this point. The remaining units complete the Masters component of the program.

Master of Engineering Science Unit 3

EEP301-1 Project

**Year 4 - Semester 2**

Master of Engineering Science Unit 4  
Master of Engineering Science Unit 5  
Master of Engineering Science Unit 6

EEP301-2 Project

**Master of Engineering Science Units**

**Semester 1**

EEP101 Algorithms For Control And Engineering  
EEP102 Unix And C For Engineers  
EEP103 Computer Hardware And Interfacing  
EEP124 Data Communications  
EEP126 Communications Digital Signal Processing  
EEP137 Advanced Topic A

**Semester 2**

EEP104 Real-Time Operating Systems  
EEP120 Networks And Distributed Computing  
EEP123 Process Control And Robotics  
EEP127 Advanced Topic B  
EEP128 Detection And Estimation  
EEP129 Image Processing And Computer Vision  
EEP135 Digital Signal Processing And Applications  
EEP301-1 Project  
EEP301-2 Project

**Infomechatronics - Dean's Scholars Course Structure**

**Year 1 - Semester 1**

CEB109 Engineering Mechanics 1  
ITB849 Introduction To Technical Computing  
MAB180 Engineering Mathematics 1  
OR

MAB131 Engineering Mathematics 1A  
PCB136 Engineering Physics 1C

MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Year 12 Mathematics C (or equivalent).

**Year 1 - Semester 2**

BNB007 Professional Studies 1  
EEB213 Electrical Circuits And Measurements  
MAB132 Engineering Mathematics 1B  
OR  
MMB112 Dynamics  
BSB115 Management, People And Organisations

**Year 1 - Summer**

MAB132 Engineering Mathematics 1B  
OR

MMB112 Dynamics

**Year 2 - Semester 1**

EEB312 Analog And Digital Electronics  
ITB851 Advanced Technical Computing  
MAB134 Electrical Engineering Mathematics 3  
MMB131 Engineering Materials  
MMB371 Manufacturing Processes

**Year 2 - Semester 2**

EEB412 Advanced Electronics And Embedded Systems  
MAB135 Electrical Engineering Mathematics 4  
MMB252 Thermofluids  
MMB476 Operations Management

**Year 3 - Semester 1**

EEB311 Electrical Measurement And Machines  
MMB211 Mechanics 1  
MMB478 Mechatronics Systems Design  
Master's unit

**Year 3 - Semester 2**

EEB411 Classical Control And Power Systems  
ITB427 Concurrent And Distributed Systems  
MMB212 Mechanics 2  
MMB374 Design For Manufacturing 1

**Year 3 - Summer**

Masters unit  
Masters unit

MEN101 Research Methodology

**Year 4 - Semester 1**

EEB521 Digital Systems And Control  
ITB847 Computational Intelligence for Control and Embedded Systems

MMB004 Infomechatronics Project

**Year 4 - Semester 2**

Masters unit  
Masters unit  
Research Project

**Electives**

See list under ME40 Course Structure

**Mechanical - Dean's Scholars Course Structure**

**Year 1, Semester 1**

CEB109 Engineering Mechanics 1  
MMB131 Engineering Materials  
PCB136 Engineering Physics 1C  
MAB131 Engineering Mathematics 1A

**Year 1, Semester 2**

BNB007 Professional Studies 1  
EEB112 Electrical And Computer Engineering 1  
MAB132 Engineering Mathematics 1B  
MMB112 Dynamics  
MAB136 Engineering Statistics

or

MGB007 Engineering Management

**Year 1, Summer Program**

MAB132 Engineering Mathematics 1B  
or

MMB112 Dynamics

**Year 2, Semester 1**

EEB220 Electrical Engineering 2m  
MAB133 Engineering Mathematics 2  
MMB211 Mechanics 1  
MMB281 Fundamentals Of Mechanical Design  
MMB371 Manufacturing Processes

**Year 2, Semester 2**

MMB212 Mechanics 2  
MMB232 Materials Technology  
MMB252 Thermofluids  
MAB136 Engineering Statistics

or

MGB007 Engineering Management  
Group B Elective

**Year 3, Semester 1**

MMB311 Mechanics 3  
MMB352 Fluid Mechanics  
MMB381 Design Of Mechanical Components And Machines  
Group B Elective

**Year 3, Semester 2**

MMB351 Thermodynamics  
MMB382 Design And Maintenance Of Machinery  
Group A elective  
Master of Engineering Science unit

**Year 3, Summer Program**

MEN101 Research Methodology  
Master of Engineering Science unit  
Master of Engineering Science unit

**Year 4, Semester 1**

MMB401-1 Project  
MMB401-2 Project

**Year 4, Semester 2**

Masters Research Project  
Master of Engineering Science unit  
Master of Engineering Science unit

**Electives**

See list under ME41 Course Structure

## Medical - Dean's Scholars Course Structure

### Year 1 - Semester 1

LSB142	Human Anatomy and Physiology
MMB191	Introduction To Engineering In The Medical Environment
PCB136	Engineering Physics 1C
MAB180	Engineering Mathematics 1 OR
MAB131	Engineering Mathematics 1A MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Year 12 Mathematics C (or equivalent).

### Year 1 - Semester 2

CEB109	Engineering Mechanics 1
MMB131	Engineering Materials
MAB132	Engineering Mathematics 1B OR
MMB112	Dynamics
MAB136	Engineering Statistics OR
MGB007	Engineering Management

### Year 1 - Summer

MAB132	Engineering Mathematics 1B OR
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MMB112	Dynamics
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### Year 2 - Semester 1

HMB274	Functional Anatomy
MAB133	Engineering Mathematics 2
MMB211	Mechanics 1
MMB281	Fundamentals Of Mechanical Design
MMB371	Manufacturing Processes

### Year 2 - Semester 2

EEB112	Electrical And Computer Engineering 1
MMB252	Thermofluids
MMB292	Biomaterials
MAB136	Engineering Statistics OR

MMB292	Biomaterials
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### Year 3 - Semester 1

EEB220	Electrical Engineering 2m
MMB311	Mechanics 3
MMB391	Biomechanical Engineering Systems
MMB470	Engineering Asset Management And Maintenance Master's unit

### Year 3 - Semester 2

MMB362	Biofluids
MMB392	Bioengineering Design 2
MMB492	Health Legislation And The Medical Environment
PCB605	Biomedical Instrumentation

### Year 3 - Summer

	Masters unit
	Masters unit
MEN101	Research Methodology

### Year 4 - Semester 1

MMB409-1	Project
MMB409-2	Project

### Year 4 - Semester 2

	Masters Research Project
	Masters unit
	Masters unit

## ■ Bachelor of Applied Science (Construction Management) (CN51)

**Award title:** Bachelor of Applied Science (Construction Management)

**CRICOS code:** 006363B

**Location:** Gardens Point

**Course duration (full-time):** 4 years or 5.5 years flexible full-time

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Jay Yang

### Professional Recognition

Graduates with relevant experience are eligible for membership of the Australian Institute of Building.

## Minors

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area, that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

## Special Course Requirements

All students are required to obtain a minimum of 100 days of employment in the final year of the course as a part of CNB409 Professional Practice 1 and CNB423 Professional Practice 2. A work experience diary is to be kept and made available for inspection by the course coordinator upon request.

## Electives

Note A: Students may choose CNB408 Advanced Building and Civil Construction; CNB425 International Construction; or an approved elective from other QUT courses.

Note B: Students may choose CNB413 Research Project if their course GPA is 5.0 or better and they have completed CNB407 Professional Investigation and Reporting. Alternatively, students may undertake an approved elective from other QUT courses.

Note C: Students may choose CNB420 Current Construction Issues or an approved elective from other QUT courses.

## Course structure - Flexible Mode

### Year 1 - Semester 1

CNB101	Construction 1
CNB102	Building Technology 1
CNB106	Technical Communications

### Year 1 - Semester 2

CNB107	Construction 2
CNB108	Building Technology 2
CNB110	Measurement 1

### Year 2 - Semester 1

CNB105	Surveying And Data Analysis
CNB201	Construction 3
CNB202	Building Technology 3

### Year 2 - Semester 2

CNB109	Professional Studies 1
CNB227	Applied Computing
CNB206	Law 1

### Year 3 - Semester 1

CNB203	Building Services
CNB204	Measurement 2
CNB302	Contract Administration

### Year 3 - Semester 2

CNB207	Professional Studies 2
CNB208	Construction Business Management 1
CNB309	Law 2

### Year 4 - Semester 1

CNB303	Construction Business Management 2
CNB335	Time Management
CNB305	Construction Estimating

### Year 4 - Semester 2

CNB306	Construction Business Management 3
CNB307	Building Economics And Cost Management
CNB308	Professional Studies 3

### Year 5 - Semester 1

CNB407	Professional Investigation And Reporting
CNB409	Professional Practice 1 Note A Elective

### Year 5 - Semester 2

CNB410	Development Processes
CNB423	Professional Practice 2 Note C Elective

### Year 6 - Semester 1

CNB402	Investment Theory Note B Elective
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## Course structure - Full-time 1 year Advanced Standing

### Year 1 - Semester 1

CNB201	Construction 3
CNB202	Building Technology 3



CNB203 Building Services  
 CNB204 Measurement 2  
**Year 1 Semester 2**  
 CNB227 Applied Computing  
 CNB206 Law 1  
 CNB207 Professional Studies 2  
 CNB208 Construction Business Management 1

**Year 2 - Semester 1**  
 CNB302 Contract Administration  
 CNB303 Construction Business Management 2  
 CNB335 Time Management  
 CNB305 Construction Estimating

**Year 2 - Semester 2**  
 CNB306 Construction Business Management 3  
 CNB307 Building Economics And Cost Management  
 CNB308 Professional Studies 3  
 CNB309 Law 2

**Year 3 - Semester 1**  
 CNB402 Investment Theory  
 CNB407 Professional Investigation And Reporting  
 CNB409 Professional Practice 1  
 Note A Elective

**Year 3 - Semester 2**

CNB410  
 CNB423  
 Note B Elective  
 Note C Elective

**Course structure- Full-time 2 years Advanced Standing**

**Year 1 - Semester 1**  
 CNB302 Contract Administration  
 CNB303 Construction Business Management 2  
 CNB335 Time Management  
 CNB305 Construction Estimating

**Year 1 Semester 2**  
 CNB306 Construction Business Management 3  
 CNB307 Building Economics And Cost Management  
 CNB308 Professional Studies 3  
 CNB309 Law 2

**Year 2 - Semester 1**  
 CNB402 Investment Theory  
 CNB407 Professional Investigation And Reporting  
 CNB409 Professional Practice 1  
 Note A Elective

**Year 2 - Semester 2**  
 CNB410 Development Processes  
 CNB423 Professional Practice 2  
 Note B elective  
 Note C Elective

**Course structure - Full-time Mid-year Entry**

**Year 1 - Semester 2**  
 CNB107 Construction 2  
 CNB108 Building Technology 2  
 CNB109 Professional Studies 1  
 CNB110 Measurement 1

**Year 1 - Semester 1**  
 CNB101 Construction 1  
 CNB102 Building Technology 1  
 CNB105 Surveying And Data Analysis  
 CNB106 Technical Communications

**Year 2 - Semester 2**  
 CNB227 Applied Computing  
 CNB206 Law 1  
 CNB207 Professional Studies 2  
 CNB208 Construction Business Management 1

**Year 2 - Semester 1**  
 CNB201 Construction 3  
 CNB202 Building Technology 3  
 CNB203 Building Services  
 CNB204 Measurement 2

**Year 3 - Semester 2**  
 CNB306 Construction Business Management 3  
 CNB307 Building Economics And Cost Management  
 CNB308 Professional Studies 3  
 CNB309 Law 2

**Year 3 - Semester 1**  
 CNB302 Contract Administration  
 CNB303 Construction Business Management 2

CNB335 Time Management  
 CNB305 Construction Estimating

**Year 4 - Semester 2**  
 CNB410 Development Processes  
 CNB409 Professional Practice 1  
 Note B Elective  
 Note C Elective

**Year 4 - Semester 1**  
 CNB402 Investment Theory  
 CNB407 Professional Investigation And Reporting  
 CNB423 Professional Practice 2  
 Note A Elective

**Course structure - Full-time Mid-Year Entry - 1 semester Advanced Standing**

**Year 1 - Semester 2**  
 CNB107 Construction 2  
 CNB108 Building Technology 2  
 CNB109 Professional Studies 1  
 CNB110 Measurement 1

**Year 1 - Semester 1**  
 CNB201 Construction 3  
 CNB202 Building Technology 3  
 CNB203 Building Services  
 CNB204 Measurement 2

**Year 2 - Semester 2**  
 CNB227 Applied Computing  
 CNB206 Law 1  
 CNB207 Professional Studies 2  
 CNB208 Construction Business Management 1

**Year 2 - Semester 1**  
 CNB302 Contract Administration  
 CNB303 Construction Business Management 2  
 CNB335 Time Management  
 CNB305 Construction Estimating

**Year 2 - Semester 2**  
 CNB306 Construction Business Management 3  
 CNB307 Building Economics And Cost Management  
 CNB308 Professional Studies 3  
 CNB309 Law 2

**Year 3 - Semester 1**  
 CNB402 Investment Theory  
 CNB407 Professional Investigation And Reporting  
 CNB409 Professional Practice 1  
 Note A Elective

**Year 4 - Semester 2**  
 CNB410  
 CNB423  
 Note B Elective  
 Note C Elective

**Course structure - Full-time Mid-year Entry - 2 Semesters Advanced Standing**

**Year 1 - Semester 2**  
 CNB206 Law 1  
 CNB207 Professional Studies 2  
 CNB208 Construction Business Management 1  
 CNB227 Applied Computing

**Year 1 - Semester 1**  
 CNB201 Construction 3  
 CNB202 Building Technology 3  
 CNB203 Building Services  
 CNB204 Measurement 2

**Year 2 - Semester 2**  
 CNB306 Construction Business Management 3  
 CNB307 Building Economics And Cost Management  
 CNB308 Professional Studies 3  
 CNB309 Law 2

**Year 2 - Semester 1**  
 CNB302 Contract Administration  
 CNB303 Construction Business Management 2  
 CNB305 Construction Estimating  
 CNB335 Time Management

**Year 3 - Semester 2**  
 CNB409 Professional Practice 1  
 CNB410 Development Processes  
 Note B Elective  
 Note C Elective

**Year 3 - Semester 1**

CNB402	Investment Theory
CNB407	Professional Investigation And Reporting
CNB423	Professional Practice 2 Note A Elective

**Course structure- Full-time -Mid-Year Entry - 4 Semesters Advanced Standing**

**Year 1 - Semester 2**

CNB306	Construction Business Management 3
CNB307	Building Economics And Cost Management
CNB308	Professional Studies 3
CNB309	Law 2

**Year 1 - Semester 1**

CNB302	Contract Administration
CNB303	Construction Business Management 2
CNB305	Construction Estimating
CNB335	Time Management

**Year 2 - Semester 2**

CNB409	Professional Practice 1
CNB410	Development Processes Note B Elective Note C Elective

**Year 3 - Semester 1**

CNB402	Investment Theory
CNB407	Professional Investigation And Reporting
CNB423	Professional Practice 2 Note A Elective

**Course structure - Full-time Accelerated - Mid-Year Entry - 4 Semesters Advanced Standing**

**Year 1 - Semester 2**

CNB306	Construction Business Management 3
CNB307	Building Economics And Cost Management
CNB308	Professional Studies 3
CNB309	Law 2

**Year 1 - Summer Semester**

CNB302	Contract Administration
CNB303	Construction Business Management 2
CNB305	Construction Estimating
CNB335	Time Management

**Year 2 - Semester 1**

CNB402	Investment Theory
CNB407	Professional Investigation And Reporting
CNB409	Professional Practice 1 Note A Elective

**Year 2 - Semester 2**

CNB410	Development Processes
CNB423	Professional Practice 2 Note B elective Note C Elective

**■ Bachelor of Applied Science (Quantity Surveying) (CN53)**

**Award title:** Bachelor of Applied Science (Quantity Surveying)

**CRICOS code:** 003500M

**Location:** Gardens Point

**Course duration (full-time):** 4 years or 5.5 years flexible full-time

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Mr Adrian Bridge

**Professional Accreditation and Recognition**

The course is offered with or without honours. Both the honours and without honours versions of the course are fully accredited by the Australian Institute of Quantity Surveyors and the Singapore Institute of Surveyors and Valuers. The course with honours is fully accredited by the Royal Institution of Chartered Surveyors, the Hong Kong Institute of Surveyors and the Board of Quantity Surveyors Malaysia. Although, graduates without honours are eligible to apply for provisional registration with the Board of Quantity Surveyors, provided they have completed the course including the dissertation. Please also see important details on

advanced standing which affect professional accreditation and recognition.

**Special Course requirements**

All students are required to gain a minimum of 100 days work experience in the final year of the courses as a part of CNB409 Professional Practice 1 and CNB423 Professional Practice 2. A work experience diary is to be kept and made available for inspection by the course coordinator upon request. Only International students are eligible to complete their work experience off-shore, and in this case students will receive no assistance in gaining work experience.

**Advanced Standing**

Both for February and July entry up to 4 semesters of advanced standing may be granted, subject to prior learning and qualifications.

Only students entering with 4 semesters of advanced standing are eligible to take the summer program. For those students seeking accreditation from the Hong Kong Institute of Surveyors, then these students are not able to accept any advanced standing, and must complete the entire course. For those students seeking accreditation from the Board of Quantity Surveyors Malaysia, then these students need to comply with the Board of Quantity Surveyors minimum time requirements in a university. This means that these students (if eligible for 4 semester advanced standing) are not able to choose the course structure: July Entry Flexible (Accelerated), but may choose the course structure: July Entry Standard F/T - 4 semesters Advanced Standing and Summer Program. In terms of accreditation from the Board of Quantity Surveyors Malaysia, we advise that in all cases students, before accepting an offer on a degree course, become familiar with the requirements for their eventual registration with the Board of Quantity Surveyors Malaysia. Students may wish to visit the Board of Quantity Surveyors web-site at <http://www.jkr.gov.my/ljbm> to obtain further information concerning registration with the Board. In the special case of students who complete the QUT BAppSc Construction Management course and are therefore eligible to enter the final year of the BAppSc Quantity Surveying course, these students will find that their BAppSc Quantity Surveying course is only accredited by the Australian Institute of Quantity Surveyors.

**Minors**

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area, that totals 48 credit points. This will not affect the total number of credit points required for course completion, but this will affect professional accreditation and recognition. The course coordinator will therefore need to be satisfied that the student fully understands the implications that the minor will have on professional accreditation and recognition before approval to the minor is granted. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

**Electives**

Note A Elective: Student may choose CNB408 Advanced Building and Civil Construction or CNB425 International Construction or an approved elective from other QUT Courses.

Note C Elective: Student may choose CNB424 Specialist Measurement if they have completed CNB408 Advanced Building and Civil Construction or CNB420 Current Construction Issues or an approved elective from other QUT courses. Malaysian students are required to elect CNB424.

**Course structure - February Entry - Full-time**

**Year 1, Semester 1**

CNB101	Construction 1
CNB102	Building Technology 1
CNB105	Surveying And Data Analysis
CNB106	Technical Communications

**Year 1, Semester 2**

CNB107 Construction 2  
 CNB120 Economics In The Construction Industry  
 CNB109 Professional Studies 1  
 CNB110 Measurement 1

**Year 2, Semester 1**

CNB201 Construction 3  
 CNB209 The Environment And The Quantity Surveyor  
 CNB204 Measurement 2  
 CNB203 Building Services

**Year 2, Semester 2**

CNB227 Applied Computing  
 CNB207 Professional Studies 2  
 CNB206 Law 1  
 CNB208 Construction Business Management 1

**Year 3, Semester 1**

CNB302 Contract Administration  
 CNB303 Construction Business Management 2  
 CNB335 Time Management  
 CNB305 Construction Estimating

**Year 3, Semester 2**

CNB308 Professional Studies 3  
 CNB307 Building Economics And Cost Management  
 CNB309 Law 2  
 CNB310 Measurement 3

**Year 4, Semester 1**

CNB402 Investment Theory  
 CNB433 Dissertation A  
 CNB409 Professional Practice 1  
 Note A Elective

**Year 4, Semester 2**

CNB410 Development Processes  
 CNB423 Professional Practice 2  
 CNB434 Dissertation B  
 Note C Elective

**Course Structure - February Entry (Decelerated)**

**Year 1 - Semester 1**

CNB101 Construction 1  
 CNB102 Building Technology 1  
 CNB106 Technical Communications

**Year 1 - Semester 2**

CNB107 Construction 2  
 CNB120 Economics In The Construction Industry  
 CNB110 Measurement 1

**Year 2 - Semester 1**

CNB105 Surveying And Data Analysis  
 CNB201 Construction 3  
 CNB209 The Environment And The Quantity Surveyor

**Year 2 - Semester 2**

CNB109 Professional Studies 1  
 CNB227 Applied Computing  
 CNB206 Law 1

**Year 3 - Semester 1**

CNB203 Building Services  
 CNB204 Measurement 2  
 CNB302 Contract Administration

**Year 3 - Semester 2**

CNB207 Professional Studies 2  
 CNB208 Construction Business Management 1  
 CNB309 Law 2

**Year 4 - Semester 1**

CNB303 Construction Business Management 2  
 CNB335 Time Management  
 CNB305 Construction Estimating

**Year 4 - Semester 2**

CNB310 Measurement 3  
 CNB307 Building Economics And Cost Management  
 CNB308 Professional Studies 3

**Year 5 - Semester 1**

CNB433 Dissertation A  
 CNB409 Professional Practice 1  
 Note A Elective

**Year 5 - Semester 2**

CNB410 Development Processes  
 CNB423 Professional Practice 2  
 Note C Elective

**Year 6 - Semester 1**

CNB402 Investment Theory

CNB434 Dissertation B

**Course structure- July Entry Full-time**

**Year 1 - Semester 2**

CNB120 Economics In The Construction Industry  
 CNB206 Law 1  
 CNB208 Construction Business Management 1  
 CNB309 Law 2

**Year 1 - Semester 1**

CNB101 Construction 1  
 CNB102 Building Technology 1  
 CNB106 Technical Communications  
 CNB209 The Environment And The Quantity Surveyor

**Year 2 - Semester 2**

CNB107 Construction 2  
 CNB109 Professional Studies 1  
 CNB110 Measurement 1  
 CNB227 Applied Computing

**Year 2 - Semester 1**

CNB105 Surveying And Data Analysis  
 CNB201 Construction 3  
 CNB203 Building Services  
 CNB204 Measurement 2

**Year 3 - Semester 2**

CNB307 Building Economics And Cost Management  
 CNB207 Professional Studies 2  
 CNB310 Measurement 3  
 CNB410 Development Processes

**Year 3 - Semester 1**

CNB302 Contract Administration  
 CNB433 Dissertation A  
 CNB409 Professional Practice 1  
 CNB305 Construction Estimating

**Year 4 - Semester 2**

CNB308 Professional Studies 3  
 CNB423 Professional Practice 2  
 CNB434 Dissertation B  
 Note C Elective

**Year 4 - Semester 1**

CNB303 Construction Business Management 2  
 CNB402 Investment Theory  
 CNB335 Time Management  
 Note A Elective

**Course structure- July Entry - 4 Semesters of Advanced Standing & Summer Program**

**Year 1 - Semester 2**

CNB307 Building Economics And Cost Management  
 CNB308 Professional Studies 3  
 CNB309 Law 2  
 CNB310 Measurement 3

**Year 1 - Summer Program**

CNB302 Contract Administration  
 CNB303 Construction Business Management 2  
 CNB335 Time Management  
 CNB305 Construction Estimating

**Year 2 - Semester 1**

CNB402 Investment Theory  
 CNB433 Dissertation A  
 CNB409 Professional Practice 1  
 Note A Elective

**Year 2 - Semester 2**

CNB410 Development Processes  
 CNB423 Professional Practice 2  
 CNB434 Dissertation A  
 Note C Elective

**Course structure - July Entry (Accelerated) Off-shore unit & Summer Program**

**Year 1, Semester 2 (off-shore)**

CNB409 Professional Practice 1

**Year 1, Summer Program**

CNB302 Contract Administration  
 CNB303 Construction Business Management 2  
 CNB335 Time Management  
 CNB305 Construction Estimating  
 CNB423 Professional Practice 2

**Year 2, Semester 1**

CNB307 Building Economics And Cost Management

CNB310	Measurement 3
CNB402	Investment Theory
CNB433	Dissertation A Note A Elective

**Year 2, Semester 2**

CNB308	Professional Studies 3
CNB309	Law 2
CNB410	Development Processes
CNB434	Dissertation B Note C Elective

■ **Bachelor of Architecture (AR48)**

**Award title:** Bachelor of Architecture

**CRICOS code:** 006364A

**Location:** Gardens Point

**Course duration (full-time):** 6 years flexible full-time

**Total credit points:** 384 (coursework) + 96 (approved employment)

**Standard credit points per semester (full-time):** 24 or 36 (see Course Structure)

**Course coordinator:** Ms Susan Savage

**Professional Recognition**

Graduates of the Bachelor of Architecture degree meet the academic requirements for membership of the Royal Australian Institute of Architects and, following one year of post-graduate architectural experience, are eligible to undertake the registration examinations of the Board of Architects of Queensland.

**Special Course Requirements**

A Bachelor of Architecture student must be engaged in approved employment for at least 48 recognised weeks within the first three years (ADB795 Practice Experience A) and for at least 72 recognised weeks within the second three years (ADB796 Practice Experience B).

**Segmented Course Units**

Where course units contain discrete segments identified in the synopsis, students are generally expected to pass all segments in order to pass the course unit. The final grade for the unit will be aggregated from the grades attained in the segments undertaken.

**Minors**

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area, that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

**Course structure**

**Year 1, Semester 1**

ADB001	Architectural Design 1
ADB911	Human Environment 1
ADB921	Technology And Science Foundation

**Year 1, Semester 2**

ADB002	Architectural Design 2
ADB931	Introduction To History, Theory And Criticism
ADB021	Technology And Science 1

**Year 2, Semester 1**

ADB003	Architectural Design 3
ADB011	Contextual Studies 1
ADB022	Technology And Science 2

**Year 2, Semester 2**

ADB004	Architectural Design 4
ADB023	Technology And Science 3

**Year 3, Semester 1**

ADB005	Architectural Design 5
ADB913	Human Environment 3
ADB024	Technology And Science 4

**Year 3, Semester 2**

ADB006	Architectural Design 6
ADB012	Contextual Studies 2
ADB795	Practice Experience A

**Year 4, Semester 1**

ADB007	Architectural Design 7
ADB013	Contextual Studies 3
ADB025	Technology And Science 5

**Year 4, Semester 2**

ADB008	Architectural Design 8
ADB026	Technology And Science 6
ADB031	Professional Studies 1

**Year 5, Semester 1**

ADB009	Architectural Design 9
ADB932	Professional Studies 2

**Year 5, Semester 2**

ADB014	Contextual Studies 4
ADB051	Architectural Research 1
ADB943	Elective 3

**Year 6, Semester 1**

ADB067	Elective Architectural Applications
ADB052	Architectural Research 2
ADB944	Elective 4

**Year 6, Semester 2**

ADB053	Architectural Project
ADB033	Professional Studies 3
ADB796	Practice Experience B

**Special Course Notes**

- 1 Students must complete all units in the Years 1, 2 and 3 schedules in either AR48 or BN31 prior to enrolling in any unit in the Year 4 schedule of AR48. The Course Coordinator may consider cases of special hardship.
- 2 Students must meet pre-requisites in all subjects
- 3 Late penalties for late assignments apply.
- 4 Course will involve compulsory field work within some units.

■ **Bachelor of Built Environment (Architectural Studies) (BN31)**

**Award title:** Bachelor of Built Environment (Architectural Studies)

**CRICOS code:** 003507D

**Location:** Gardens Point

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Ms Sue Savage

**Other Majors**

See also entries for the following majors in this course: Interior Design, Industrial Design, Landscape Architecture, and Urban and Regional Planning.

**Professional Recognition**

Graduates of the Bachelor of Built Environment (Architectural Studies) are eligible for entry to Year 4 of the Bachelor of Architecture. Graduates of the Bachelor of Architecture degree meet the academic requirements for membership of the Royal Australian Institute of Architects and, following one year of post-graduate architectural experience, are eligible to undertake the registration examinations of the Board of Architects of Queensland.

**Minors**

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area, that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

**Course structure**

**Year 1, Semester 1**

ADB001	Architectural Design 1
ADB911	Human Environment 1
ADB921	Technology And Science Foundation
ADB061	Architectural Applications 1

**Year 1, Semester 2**

ADB002	Architectural Design 2
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ADB931 Introduction To History, Theory And Criticism  
 ADB021 Technology And Science 1  
 ADB062 Architectural Applications 2

**Year 2, Semester 1**

ADB003 Architectural Design 3  
 ADB011 Contextual Studies 1  
 ADB022 Technology And Science 2  
 ADB063 Architectural Applications 3

**Year 2, Semester 2**

ADB004 Architectural Design 4  
 ADB023 Technology And Science 3  
 ADB941 Elective 1  
 ADB064 Architectural Applications 4

**Year 3, Semester 1**

ADB005 Architectural Design 5  
 ADB913 Human Environment 3  
 ADB024 Technology And Science 4  
 ADB065 Architectural Applications 5

**Year 3, Semester 2**

ADB006 Architectural Design 6  
 ADB012 Contextual Studies 2  
 ADB066 Architectural Applications 6  
 ADB942 Elective 2

**Special Course Notes**

- 1 Students must complete all units in the Years 1, 2 and 3 schedules in either AR48 or BN31 prior to enrolling in any unit in the Year 4 schedule of AR48. The Course Coordinator may consider cases of special hardship.
- 2 Students must meet pre-requisites in all subjects.
- 3 Late penalties for late assignments apply.
- 4 Course will involve compulsory field work within some units.

**■ Bachelor of Built Environment (Industrial Design) (BN31)**

**Award title:** Bachelor of Built Environment (Industrial Design)

**CRICOS code:** 003507D

**Location:** Gardens Point

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Associate Professor Vesna Popovic

**Other Majors**

See also entries for the following majors in this course: Architectural Studies, Interior Design, Landscape Architecture, and Urban and Regional Planning.

**Professional Recognition**

Graduates of the Bachelor of Built Environment (Industrial Design) who go on to complete the Graduate Diploma in Industrial Design are eligible for associate membership of the Design Institute of Australia.

**Minors**

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area, that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

**Course structure**

**Year 1, Semester 1**

ADB911 Human Environment 1  
 ADB201 Introductory Industrial Design 1  
 ADB921 Technology And Science Foundation  
 ADB241 Industrial Design Applications

**Year 1, Semester 2**

ADB212 Ergonomics For Industrial Designers  
 ADB931 Introduction To History, Theory And Criticism  
 ADB202 Introductory Industrial Design 2  
 ADB232 Design Technology And Society

**Year 2, Semester 1**

ADB912 Human Environment 2  
 ADB203 Industrial Design 1

ADB233 Manufacturing Technology 1  
 ADB941 Elective 1

**Year 2, Semester 2**

ADB224 Industrial Design History Theory And Criticism 1  
 ADB204 Industrial Design 2  
 ADB234 Manufacturing Technology 2  
 ADB244 Computer Aided Industrial Design 1

**Year 3, Semester 1**

ADB913 Human Environment 3  
 ADB205 Industrial Design 3  
 ADB235 Manufacturing Technology 3  
 ADB245 Computer Aided Industrial Design 2

**Year 3, Semester 2**

ADB226 Industrial Design History Theory And Criticism 2  
 ADB206 Industrial Design 4  
 ADB236 Manufacturing Technology 4  
 ADB942 Elective 2

**■ Bachelor of Built Environment (Interior Design) (BN31)**

**Award title:** Bachelor of Built Environment (Interior Design)

**CRICOS code:** 003507D

**Location:** Gardens Point

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Diane Smith

**Other Majors**

See also entries for the following majors in this course: Architectural Studies, Industrial Design, Landscape Architecture, and Urban and Regional Planning.

**Professional Recognition**

Successful completion of the Bachelor of Built Environment (Interior Design) satisfies the requirements for entry into the Graduate Diploma in Interior Design, which is accredited by the Design Institute of Australia.

**Minors**

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area, that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

**Course structure**

**Year 1, Semester 1**

ADB101 Interior Design 1  
 ADB911 Human Environment 1  
 ADB921 Technology And Science Foundation  
 ADB151 Drawing As Communication

**Year 1, Semester 2**

ADB102 Interior Design 2  
 ADB122 Interior Technology 1  
 ADB931 Introduction To History, Theory And Criticism  
 ADB152 Light And Colour Studies

**Year 2, Semester 1**

ADB103 Interior Design 3  
 ADB912 Human Environment 2  
 ADB123 Interior Technology 2  
 ADB941 Elective 1

**Year 2, Semester 2**

ADB104 Interior Design 4  
 ADB124 Interior Technology 3  
 ADB132 Design In Society 1  
 ADB153 Material Studies

**Year 3, Semester 1**

ADB105 Interior Design 5  
 ADB913 Human Environment 3  
 ADB125 Interior Technology 4  
 ADB133 Design In Society 2

**Year 3, Semester 2**

ADB106 Interior Design 6

ADB126 Interior Technology 5  
 ADB154 Furniture Studies  
 ADB942 Elective 2

## ■ Bachelor of Built Environment (Landscape Architecture) (BN31)

**Award title:** Bachelor of Built Environment (Landscape Architecture)

**CRICOS code:** 003507D

**Location:** Gardens Point

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Ms Delwyn Poulton

### Other Majors

See also entries for the following majors in this course: Architectural Studies, Interior Design, Industrial Design, and Urban and Regional Planning.

### Professional Recognition

Successful performance in the Bachelor of Built Environment (Landscape Architecture) enables students to gain entry to the Graduate Diploma/Master courses. The Graduate Diploma in Landscape Architecture is the only course in Landscape Architecture in Queensland, and is accredited by the Australian Institute of Landscape Architects (AILA). Graduates from the Graduate Diploma or Master of Landscape Architecture are recognised in New Zealand and Hong Kong and overseas generally through their AILA membership.

### Minors

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area, that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

### Course structure\*

#### Year 1, Semester 1

PSB411 Planning/landscape Design 1  
 PSB412 Computer Skills  
 PSB414 Professional Skills 1  
 PSB432 History Of Built Environment

#### Year 1, Semester 2

PSB412 Computer Skills  
 PSB415 Contemporary Landscape Design  
 PSB421 Planning/landscape Design 2  
 PSB423 Group Dynamics

#### Year 2, Semester 1

PSB431 Planning/landscape Design 3  
 PSB432 History Of Built Environment  
 PSB435 Social And Cultural Relations  
 PSB453 Elective 1

#### Year 2, Semester 2

PSB441 Planning/landscape Design 4  
 PSB442 Plant Studies (L'scape Only)  
 PSB443 Population And Urban Studies  
 PSB463 Elective 2

#### Year 3, Semester 1

PSB416 Research & Criticism  
 PSB451 Planning/Landscape Design 5  
 PSB453 Elective 1  
 PSB610 Government And Law

#### Year 3, Semester 2

PSB461 Planning/landscape Design 6  
 PSB462 Conservation And Management  
 PSB463 Elective 2  
 PSB613 Land Development Principles And Policies

\* Course Structure under review and subject to university approval.

## ■ Bachelor of Built Environment (Urban and Regional Planning) (BN31)

**Award title:** Bachelor of Built Environment (Urban and Regional Planning)

**CRICOS code:** 003507D

**Location:** Gardens Point

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Bhishna Bajracharya

### Other Majors

See also entries for the following majors in this course: Architectural Studies, Interior Design, Industrial Design, and Landscape Architecture.

### Professional Recognition

Successful completion of the Bachelor of Built Environment (Urban and Regional Planning) enables students to gain entry to the Graduate Diploma/Masters in Urban and Regional Planning, which is fully accredited by the Royal Australian Planning Institute (RAPI).

### Minors

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area, that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

### Course structure

#### Year 1, Semester 1

PSB411 Planning/landscape Design 1  
 PSB412 Computer Skills  
 PSB413 Graphics  
 PSB414 Professional Skills 1

#### Year 1, Semester 2

PSB421 Planning/landscape Design 2  
 PSB422 Environmental Science  
 PSB423 Group Dynamics  
 PSB424 Land Science

#### Year 2, Semester 1

PSB431 Planning/landscape Design 3  
 PSB432 History Of Built Environment  
 PSB433 Planning Processes (URP Only)  
 PSB435 Social And Cultural Relations

#### Year 2, Semester 2

PSB441 Planning/landscape Design 4  
 PSB443 Population And Urban Studies  
 PSB445 Infrastructure Planning (URP Only)  
 PSB611 Introduction To Urban And Regional Economics

#### Year 3, Semester 1

PSB451 Planning/Landscape Design 5  
 PSB452 Professional Skills 2  
 PSB453 Elective 1  
 PSB610 Government And Law

#### Year 3, Semester 2

PSB461 Planning/landscape Design 6  
 PSB462 Conservation And Management  
 PSB463 Elective 2  
 PSB613 Land Development Principles And Policies

## ■ Bachelor of Engineering (Aerospace Avionics) (EE48)

**Award title:** Bachelor of Engineering (Aerospace Avionics)

**CRICOS code:** 037543G

**Location:** Gardens Point

**Course duration (full-time):** 4 Years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Associate Professor Werner Enderle

### Professional Recognition

This degree meets the requirements for membership of The Institution of Engineers, Australia. It is also professionally recognised by many international professional institutions.

### Optional Pathway

Subject to normal course entry rules students may transfer internally from the QUT Bachelor of Engineering (Electrical and Computer Engineering) course to this degree after the completion of the first year full-time if they have obtained a sufficiently high grade point average that will meet the course cut-off for that year.

### Minors

Subject to the approval of the course coordinator, students in this course may gain a minor in Systems Engineering by choosing the same group project through the Aerospace Design units and the final year project providing they comply with Systems Engineering principles.

### Articulation to Masters

Subject to University approval, students achieving a certain minimum performance criteria at the end of year 3 of the Bachelor of Engineering course, may be eligible to study two Master of Engineering Science level units as electives.

After successfully completing the Bachelor of Engineering course, students eligible to enrol in the Master of Engineering Science courses can then have these two units credited towards the Masters Program.

### Full-time Course Structure

#### Year 1, Semester 1

EEB112 Electrical And Computer Engineering 1  
 EEB130 Introduction To Avionics  
 PCB136 Engineering Physics 1C  
 MAB131 Engineering Mathematics 1A

or

MAB180 Engineering Mathematics 1

#### Year 1, Semester 2

BNB007 Professional Studies 1  
 CEB109 Engineering Mechanics 1  
 EEB212 Electrical And Computer Engineering 2  
 MAB132 Engineering Mathematics 1B

#### Year 2, Semester 1

EEB312 Analog And Digital Electronics  
 EEB340 Introduction To Telecommunications  
 MAB134 Electrical Engineering Mathematics 3  
 MMB251 Aerodynamic Principles

#### Year 2, Semester 2

EEB412 Advanced Electronics And Embedded Systems  
 EEB435 Classical Flight Control Systems  
 EEB440 Classical Signal Processing  
 MAB135 Electrical Engineering Mathematics 4

#### Year 3, Semester 1

EEB512 Industrial Electronics And Digital Design  
 EEB535 Modern Flight Control Systems  
 EEB560 Digital Communications  
 EEB585 Aerospace Systems Design

#### Year 3, Semester 2

EEB612 Software Systems Design  
 EEB640 Digital Signal Processing  
 EEB641 Fields Transmission And Propagation  
 EEB685 Advanced Aerospace Design

#### Year 4, Semester 1

EEB760 Aerospace Radio And Radar Systems  
 EEB781 Professional Studies 2  
 EEB782-1 Aerospace Project  
 Elective Unit 1

#### Year 4, Semester 2

EEB782-2 Aerospace Project  
 EEB860 Navigation Systems For Aircraft And Space  
 General Elective  
 Elective Unit 2

Students in this course must complete 60 days industrial experience before graduating. An additional 10 days specialist industrial experience must be obtained in the aerospace avionics industry.

#### Special Avionics Electives

EEB831 Military Combat Electronics

EEB832 Space Flight Dynamics  
 EEB834 Satellite Applications

## ■ Bachelor of Engineering (Civil) (CE44)

**Award title:** Bachelor of Engineering (Civil)

**CRICOS code:** 037544G

**Location:** Gardens Point

**Course duration (full-time):** 4 years

**Course duration (part-time):** 6-8 years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Martin Murray

### International Student Entry

QUT advises that International Students may only enrol in full-time studies. Mid Year Entry International Students, commencing in July, please consult the School Administration Officer regarding your course structure.

### Professional Recognition

This degree is recognised for the purpose of membership of The Institution of Engineers, Australia. It is professionally recognised by the Hong Kong Institution of Engineers, the UK Institution of Mechanical Engineers, the Institution of Professional Engineers, New Zealand, and The Institution of Engineers, Ireland.

### Other Options

This course is also offered as an accelerated program for mid-year entry students. The course can be completed in three and a half years full-time through attendance at the Summer Program. Please refer to the Mid-year entry course structure (CE45).  
 Environmental Engineering Major: Students may elect to enter the environmental major of the course at the end of Year 3.

### Articulation to Master of Engineering Science

Subject to University approval, students achieving a certain minimum performance criteria at the end of year 3 of the Bachelor of Engineering course, may be eligible to study two Master of Engineering Science level units as electives.

After successfully completing the Bachelor of Engineering course, students eligible to enrol in the Master of Engineering Science courses can then have these two units credited towards the Masters Program.

### Minors

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area, that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

### Special Course Requirements

A candidate for the degree of Bachelor of Engineering (Civil) must obtain at least 60 days of industrial experience/practice in an engineering environment approved by the Course Coordinator.

### Part-time Study

Prospective part-time students for this degree should be aware that they may need 9 to 12 hours release from their employment. Students wishing to enrol part-time must consult with the course coordinator regarding their enrolment.

### Course structure

#### Year 1 - Semester 1

CEB109 Engineering Mechanics 1  
 MMB131 Engineering Materials  
 PCB136 Engineering Physics 1C  
 MAB180 Engineering Mathematics 1  
 or

MAB131 Engineering Mathematics 1A

MAB180-must have Maths B, MAB131-must have Maths C

Students who do not have Maths B to consult with School Administration Officer

**Year 1 - Semester 2**

BNB007 Professional Studies 1  
 EEB112 Electrical And Computer Engineering 1  
 CEB110 Engineering Mechanics 2  
 MAB132 Engineering Mathematics 1B

**Year 2 - Semester 1**

CEB207 Professional Studies 2  
 CEB208 Materials Science  
 CEB209 Geotechnical Engineering 1  
 CEB213 Environmental Science

**Year 2 - Semester 2**

CEB214 Professional Studies 3  
 CEB215 Structural Engineering 1  
 CEB216 Project Engineering 1  
 CEB217 Hydraulic Engineering 1

**Year 3 - Semester 1**

CEB317 Professional Studies 4  
 CEB318 Structural Engineering 2  
 CEB319 Water Engineering  
 MAB138 Engineering Statistics and Numerical Methods

**Year 3 - Semester 2**

CEB320 Professional Studies 5 (Steel And Concrete Structure Design)  
 CEB322 Geotechnical Engineering 2  
 CEB321 Water And Wastewater Treatment  
 CEB323 Transport Engineering 1

**Year 4 - Semester 1**

CEB409 Professional Studies 6 (Civil Projects Design)  
 CEB411 Thesis Project A  
 CEB412 Project Engineering 2  
 Choose one Elective

**Year 4 - Semester 2**

CEB413 Structural Engineering 3  
 CEB414 Professional Studies 7(Capstone Project Design)  
 Choose one Elective  
 CEB415 Thesis Project B  
 OR  
 CEB411 Thesis Project A  
 or Elective for those who have completed CEB411  
 Subject to approval of the Course Coordinator  
 CEB412, CEB413, CEB414, CEB415 or electives may be substituted for a minor

**Course structure - Mid-year entry (CE45)**

**Year 1, Semester 2**

CEB109 Engineering Mechanics 1  
 MMB131 Engineering Materials  
 PCB136 Engineering Physics 1C  
 BNB007 Professional Studies 1  
 MAB180 Engineering Mathematics 1  
 or  
 MAB131 Engineering Mathematics 1A  
 Please note: MAB180-must have Maths B, MAB131-must have Maths C  
 Students not having Maths B, please consult School Admin Officer

**Year 1, Summer Program**

CEB110 Engineering Mechanics 2  
 CEB209 Geotechnical Engineering 1  
 or (which ever is timetabled for summer)  
 CEB217 Hydraulic Engineering 1

**Year 2, Semester 1**

CEB207 Professional Studies 2  
 CEB208 Materials Science  
 CEB213 Environmental Science  
 EEB112 Electrical And Computer Engineering 1  
 MAB132 Engineering Mathematics 1B

**Year 2, Semester 2**

Program is the same as CE44 entry hereafter

**Note:**

Mid-Year Entry International Students please consult the School Administration Officer regarding your course structure.

**Electives**

**Semester 1**

CEB416 Environmental Law And Assessment  
 CEB507 Finite Element Methods  
 CEB508 Transport Engineering 1  
 CEB509 Project Management And Administration

CEB517 Advanced Engineering Studies  
 CEB523 Environmental Geotechnology

**Semester 2**

CEB418 Waste Resource Management  
 CEB513 Advanced Construction Practice  
 CEB514 Project Control  
 CEB516 Masonry Design  
 CEB517 Advanced Engineering Studies  
 CEB518 River And Coastal Engineering  
 CEB522 Geotechnical Engineering Practice  
 With approval from the Course Coordinator students may be permitted to enrol in one elective unit from other QUT faculties

**Course structure - Environmental Major**

**Years 1, 2 and 3**

See Year 1, 2 and 3 of full-time CE44 course structure

**Year 4 - Semester 1**

CEB409 Professional Studies 6 (Civil Projects Design)  
 CEB411 Thesis Project A  
 CEB416 Environmental Law And Assessment  
 CEB523 Environmental Geotechnology

**Year 4 - Semester 2**

CEB415 Thesis Project B  
 or  
 CEB411 Thesis Project A  
 or Elective for those who have completed CEB411  
 CEB417 Environmental Professional Studies  
 CEB418 Waste Resource Management  
 Choose one Environmental Elective  
 Subject to the approval of the Course Coordinator  
 CEB416, CEB418, CEB523 or Electives may be substituted for a minor

**■ Bachelor of Engineering (Computer Systems) (EE46)**

**Award title:** Bachelor of Engineering (Computer Systems)

**CRICOS code:** 040309C

**Location:** Gardens Point

**Course duration (full-time):** 4 Years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Vinod Chandran

**Career Outcomes**

Graduates will be employed as design engineers, software engineers, hardware engineers, computer system engineers, information systems engineers research and development engineers and project managers.

**Professional Recognition**

The course is provisionally accredited by The Institution of Engineers, Australia (IEAust).

**Other Requirements**

Students must complete at least 60 days industrial experience in order to graduate.

**Minors**

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area, that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

**Articulation to Masters**

Subject to University approval, students achieving a certain minimum performance criteria at the end of year 3 of the Bachelor of Engineering course, may be eligible to study two Master of Engineering Science level units as electives.

After successfully completing the Bachelor of Engineering course, students eligible to enrol in the Master of Engineering



Science courses can then have these two units credited towards the Masters Program.

**Course structure**

**Year 1, Semester 1**

- ITB111 Software Development 1
- ITB114 Introduction to Network Technologies
- PCB136 Engineering Physics 1C
- MAB180 Engineering Mathematics 1  
OR
- MAB131 Engineering Mathematics 1A  
MAB180 Engineering Mathematics is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).

**Year 1, Semester 2**

- BNB007 Professional Studies 1
- EEB213 Electrical Circuits And Measurements
- ITB112 Software Development 2
- MAB132 Engineering Mathematics 1B

**Year 2, Semester 1**

- EEB312 Analog And Digital Electronics
- EEB340 Introduction To Telecommunications
- ITB118 Systems Life Cycle
- MAB139 Computer Engineering Mathematics 3

**Year 2, Semester 2**

- EEB412 Advanced Electronics And Embedded Systems
- EEB440 Classical Signal Processing
- ITB421 Software Development 3
- ITB448 Object Technology

**Year 3, Semester 1**

- EEB512 Industrial Electronics And Digital Design
- EEB560 Digital Communications
- EEB584 Introduction To Design
- EEB566 Real-Time Computer-Based Systems

**Year 3, Semester 2**

- EEB612 Software Systems Design
- EEB640 Digital Signal Processing
- EEB666 Communication Environments For Embedded Systems
- EEB684 Advanced Design

**Year 4, Semester 1**

- EEB781 Professional Studies 2
- EEB889/1 Project  
Elective Unit 1  
Elective Unit 2

**Year 4, Semester 2**

- EEB889/2 Project  
General Elective  
Elective Unit 3  
Elective Unit 4  
Students must complete 60 days industrial experience before graduating.

**Elective Units**

- EEB904 Advanced Topics In Electrical Engineering A
- EEB905 Advanced Topics In Electrical Engineering B
- EEB941 Modern Signal Processing
- EEB960 Wireless Communications
- EEB976 Advanced Industrial Electronics
- EEB992 VLSI Circuits And Systems
- EEP129 Image Processing And Computer Vision
- ITB243 Knowledge-Based Systems
- ITB441 Graphics
- ITB442 Foundations Of Artificial Intelligence
- ITB456 Graphic User Interfaces
- ITB458 Java And Extensible Programming
- ITB461 Foundations Of Neurocomputing
- ITB463 Pattern Recognition
- ITB466 Component Technology

**Course structure - Mid Year Entry**

**Year 1, Semester 2**

- BNB007 Professional Studies 1
- EEB213 Electrical Circuits And Measurements
- ITB111 Software Development 1
- MAB180 Engineering Mathematics 1  
OR
- MAB131 Engineering Mathematics 1A  
MAB180 Engineering Mathematics is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).

**Year 2, Semester 1**

- EEB312 Analog And Digital Electronics
- ITB114 Introduction to Network Technologies
- MAB132 Engineering Mathematics 1B
- PCB136 Engineering Physics 1C

**Year 2, Semester 2**

- EEB412 Advanced Electronics And Embedded Systems
- ITB112 Software Development 2
- ITB118 Systems Life Cycle  
General Elective

**Year 3, Semester 1**

- EEB340 Introduction To Telecommunications
- EEB512 Industrial Electronics And Digital Design
- EEB584 Introduction To Design
- MAB139 Computer Engineering Mathematics 3

**Year 3, Semester 2**

- EEB440 Classical Signal Processing
- EEB612 Software Systems Design
- EEB684 Advanced Design
- ITB421 Software Development 3

**Year 4, Semester 1**

- EEB560 Digital Communications
- EEB566 Real-Time Computer-Based Systems
- ITB448 Object Technology  
Elective Unit 1

**Year 4, Semester 2**

- EEB640 Digital Signal Processing
- EEB666 Communication Environments For Embedded Systems
- EEB889/1 Project  
Elective Unit 2

**Year 5, Semester 1**

- EEB781 Professional Studies 2
- EEB889/2 Project  
Elective Unit 3  
Elective Unit 4

**Elective Units**

Refer to Course Structure above for list of Electives.

**■ Bachelor of Engineering (Electrical and Computer Engineering) (EE41)**

**Award title:** Bachelor of Engineering (Electrical and Computer Engineering)

**CRICOS code:** 003490G

**Location:** Gardens Point

**Course duration (full-time):** 4 Years

**Course duration (part-time):** 8 Years (February entry only)

**Course coordinator:** Dr Duncan Campbell

**Professional Recognition**

This degree meets the requirements for membership of The Institution of Engineers, Australia. It is professionally recognised by the Hong Kong Institution of Engineers, the UK Institution of Electrical Engineers, the Institution of Engineers of Ireland, the Institution of Professional Engineers, New Zealand and Professional Engineers Board Singapore.

**Other Options**

This course is also offered as an accelerated program (EE42) for mid-year entry students, in which the course can be completed in three and a half years full-time through attendance at the Summer Program.

**Industry Cooperative Education Program**

High achieving students at the commencement of third year will also be eligible to participate in the Industry Cooperative Education Program, based on a three-way partnership between the student, University and industry, and involving a full-time, one semester, paid and supervised workplace position with the industry partner.

**Minors**

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area, that totals 48 credit points. This will not affect the total number of credit points required for

course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

### Articulation to Masters

Subject to University approval, students achieving a certain minimum performance criteria at the end of year 3 of the Bachelor of Engineering course, may be eligible to study two Master of Engineering Science level units as electives.

After successfully completing the Bachelor of Engineering course, students eligible to enrol in the Master of Engineering Science courses can then have these two units credited towards the Masters Program.

### Industrial Experience

To graduate, students must complete at least 60 days industrial experience in an engineering environment which is approved by the Course Coordinator.

### Electives

At the discretion of the Course Coordinator students may be allowed to select an elective from advanced topics offered by the University. Also, potential honours students may, with the approval of the course coordinator, select one elective from the postgraduate degree courses offered by the School of Electrical and Electronic Systems Engineering.

### Part-time study

Prospective part-time students for this degree should be aware that they may need 9 to 12 hours release from their employment. Students wishing to enrol part-time must consult with the Course Coordinator regarding their enrolment.

### Course structure - Full-time

#### Year 1, Semester 1

CEB109 Engineering Mechanics 1  
 EEB112 Electrical And Computer Engineering 1  
 MAB180 Engineering Mathematics 1  
 OR  
 MAB131 Engineering Mathematics 1A  
 PCB136 Engineering Physics 1C

#### Year 1, Semester 2

BNB007 Professional Studies 1  
 EEB212 Electrical And Computer Engineering 2  
 MAB132 Engineering Mathematics 1B  
 MMB131 Engineering Materials

#### Year 2, Semester 1

EEB311 Electrical Measurement And Machines  
 EEB312 Analog And Digital Electronics  
 EEB340 Introduction To Telecommunications  
 MAB134 Electrical Engineering Mathematics 3

#### Year 2, Semester 2

EEB411 Classical Control And Power Systems  
 EEB412 Advanced Electronics And Embedded Systems  
 EEB440 Classical Signal Processing  
 MAB135 Electrical Engineering Mathematics 4

#### Year 3, Semester 1

EEB511 Modern Control And Power Electronics  
 EEB512 Industrial Electronics And Digital Design  
 EEB560 Digital Communications  
 EEB584 Introduction To Design

#### Year 3, Semester 2

EEB612 Software Systems Design  
 EEB641 Fields Transmission And Propagation  
 EEB684 Advanced Design  
 Select one of:  
 EEB640 Digital Signal Processing  
 or  
 EEB650 Power Systems Analysis

#### Year 4, Semester 1

EEB781 Professional Studies 2  
 EEB889-1 Project  
 Elective Unit 1  
 Elective Unit 2

#### Year 4, Semester 2

EEB889-2 Project

General Elective

Elective Unit 3

Elective Unit 4

Students in this course must complete 60 days industrial experience before graduating.

### Industry Cooperative Education Program

At the commencement of Year 3, Semester 1, eligible students may be invited to apply for a place in the Industry Cooperative Education Program. (See Course Structure.)

### Electives

EEB904 Advanced Topics In Electrical Engineering A  
 EEB905 Advanced Topics In Electrical Engineering B  
 EEB911 Electrical Energy Systems  
 EEB941 Modern Signal Processing  
 EEB960 Wireless Communications  
 EEB961 RF And Applied Electromagnetics  
 EEB976 Advanced Industrial Electronics  
 EEB992 VLSI Circuits And Systems

### Course Structure - EE42-Mid-year entry

#### Year 1 - Semester 2

BNB007 Professional Studies 1  
 CEB109 Engineering Mechanics 1  
 EEB112 Electrical And Computer Engineering 1  
 MAB180 Engineering Mathematics 1  
 OR

MAB131 Engineering Mathematics 1A  
 PCB136 Engineering Physics 1C

#### Year 1 - Summer Program

EEB212 Electrical And Computer Engineering 2  
 MAB132 Engineering Mathematics 1B

#### Year 2 - Semester 1

EEB311 Electrical Measurement And Machines  
 EEB312 Analog And Digital Electronics  
 EEB340 Introduction To Telecommunications  
 MAB134 Electrical Engineering Mathematics 3  
 MMB131 Engineering Materials

#### Year 2 - Semester 2

EEB411 Classical Control And Power Systems  
 EEB412 Advanced Electronics And Embedded Systems  
 EEB440 Classical Signal Processing  
 MAB135 Electrical Engineering Mathematics 4

#### Year 3 - Semester 1

EEB511 Modern Control And Power Electronics  
 EEB512 Industrial Electronics And Digital Design  
 EEB560 Digital Communications  
 EEB584 Introduction To Design

#### Year 3 - Semester 2

EEB612 Software Systems Design  
 EEB641 Fields Transmission And Propagation  
 EEB684 Advanced Design  
 Select one of:

EEB640 Digital Signal Processing  
 EEB650 Power Systems Analysis

#### Year 4 - Semester 1

EEB781 Professional Studies 2  
 EEB889-1 Project  
 Elective 1  
 Elective 2

#### Year 4 - Semester 2

EEB889-2 Project  
 Elective 3  
 Elective 4  
 General Elective  
 Students must complete 60 days Industrial Experience before Graduation

### Electives

EEB904 Advanced Topics In Electrical Engineering A  
 EEB905 Advanced Topics In Electrical Engineering B  
 EEB911 Electrical Energy Systems  
 EEB941 Modern Signal Processing  
 EEB960 Wireless Communications  
 EEB961 RF And Applied Electromagnetics  
 EEB976 Advanced Industrial Electronics  
 EEB992 VLSI Circuits And Systems

**Course structure - Industry Cooperative Education Program**

**Year 3, Semester 1**

EEB511 Modern Control And Power Electronics  
 EEB512 Industrial Electronics And Digital Design  
 EEB560 Digital Communications  
 EEB584 Introduction To Design  
 EEB641 Fields Transmission And Propagation

**Year 3, Semester 2**

EEB686 Industry Practice  
 EEB640 Digital Signal Processing  
 or  
 EEB650 Power Systems Analysis

**Year 4, Semester 1**

EEB781 Professional Studies 2  
 EEB889-1 Project  
 Elective Unit 1  
 Elective Unit 2

**Year 4, Semester 2**

EEB612 Software Systems Design  
 EEB889-2 Project  
 Elective Unit 3  
 Elective Unit 4

**Course Structure - Part-time**

**Year 1, Semester 1**

EEB112 Electrical And Computer Engineering 1  
 MAB180 Engineering Mathematics 1  
 or

MAB131 Engineering Mathematics 1A

**Year 1, Semester 2**

BNB007 Professional Studies 1  
 MMB131 Engineering Materials

**Year 2, Semester 1**

CEB109 Engineering Mechanics 1  
 PCB136 Engineering Physics 1C

**Year 2, Semester 2**

EEB212 Electrical And Computer Engineering 2  
 MAB132 Engineering Mathematics 1B

**Year 3, Semester 1**

EEB311 Electrical Measurement And Machines  
 EEB312 Analog And Digital Electronics

**Year 3, Semester 2**

EEB411 Classical Control And Power Systems  
 EEB412 Advanced Electronics And Embedded Systems

**Year 4, Semester 1**

EEB340 Introduction To Telecommunications  
 MAB134 Electrical Engineering Mathematics 3

**Year 4, Semester 2**

EEB440 Classical Signal Processing  
 MAB135 Electrical Engineering Mathematics 4

**Year 5, Semester 1**

EEB511 Modern Control And Power Electronics  
 EEB512 Industrial Electronics And Digital Design

**Year 5, Semester 2**

EEB612 Software Systems Design  
 EEB641 Fields Transmission And Propagation

**Year 6, Semester 1**

EEB560 Digital Communications  
 EEB584 Introduction To Design

**Year 6, Semester 2**

EEB684 Advanced Design  
 Select one of:  
 EEB640 Digital Signal Processing  
 EEB650 Power Systems Analysis

**Year 7, Semester 1**

Elective Unit 1  
 Elective Unit 2

**Year 7, Semester 2**

Elective Unit 3  
 Elective Unit 4

**Year 8, Semester 1**

EEB781 Professional Studies 2  
 EEB889-1 Project

**Year 8, Semester 2**

EEB889-2 Project  
 General Elective  
 Students must obtain at least 60 days of industrial experience in an engineering environment

approved by the course coordinator.

**Electives**

Refer to elective list under Full-time Course Structure.

**■ Bachelor of Engineering (Engineering Management and Information Systems) (ME43)**

**Award title:** Bachelor of Engineering (Engineering Management and Information Systems)

**CRICOS code:** 040311J

**Location:** Gardens Point

**Course duration (full-time):** 4 years

**Total credit points:** 384

**Course coordinator:** Dr Lin Ma

**Professional Recognition**

Professional accreditation will be sought from The Institution of Engineers, Australia (IEAust).

**Minors**

Subject to the approval for the course coordinator, students maybe able to choose a minor area of study. A minor is a collection of 4 units from one study area and totals 48 credit points. Students may choose from the list available from the Faculty Office.

**Articulation to Masters of Engineering**

Subject to University approval, students achieving a minimum performance criteria at the end of year 3 of the Bachelor of Engineering course, may be eligible to study two Master of Engineering Science or Master of Engineering Management units as electives. After successfully completing the Bachelor of Engineering course, students eligible to enrol in the Master of Engineering Science or Master of Engineering Management courses can then have these two units credited towards the Masters Program.

**Other course requirements**

Students in this course must complete 60 days approved industrial experience before graduating.

**Course structure**

**Year 1, Semester 1**

CEB109 Engineering Mechanics 1  
 MMB131 Engineering Materials  
 PCB136 Engineering Physics 1C  
 MAB131 Engineering Mathematics 1A  
 or

MAB180 Engineering Mathematics 1

**Year 1, Semester 2**

BNB007 Professional Studies 1  
 EEB112 Electrical And Computer Engineering 1  
 MAB132 Engineering Mathematics 1B  
 MMB112 Dynamics

**Year 2, Semester 1**

EEB220 Electrical Engineering 2m  
 MMB281 Fundamentals Of Mechanical Design  
 MAB133 Engineering Mathematics 2  
 MMB211 Mechanics 1

**Year 2, Semester 2**

MMB272 Quality and Reliability Engineering  
 ITB225 Introduction To Databases  
 MMB252 Thermofluids  
 MMB232 Materials Technology

**Year 3, Semester 1**

MMB371 Manufacturing Processes  
 MMB373 Professional Practices 1 (Engineering Economics And Marketing)

MMB375 Industrial Engineering

ITB221 3gl Systems

**Year 3, Semester 2**

MMB476 Operations Management  
 ITB827 Fundamentals Of Enterprise Systems  
 MMB376 Professional Practices 11 (Engineering Management)  
 Elective

**Year 4, Semester 1**

MMB473 Professional Practices 111 (Technology and Innovation)  
3 Electives

**Year 4, Semester 2**

MMB400 Industry Project  
OR

MMB401-1 Project  
and

MMB401-2 Project  
Students must complete 60 days industrial experience before graduating

**Mid-year entry - Course structure**

**Year 1, Semester 2**

BNB007 Professional Studies 1  
CEB109 Engineering Mechanics 1  
PCB136 Engineering Physics 1C  
MAB131 Engineering Mathematics 1A  
OR  
MAB180 Engineering Mathematics 1

**Year 1, Summer semester**

MAB132 Engineering Mathematics 1B  
MMB112 Dynamics

**Year 2, Semester 1**

MAB133 Engineering Mathematics 2  
MMB131 Engineering Materials  
MMB211 Mechanics 1  
MMB281 Fundamentals Of Mechanical Design

**Year 2, Semester 2**

EEB112 Electrical And Computer Engineering 1  
ITB225 Introduction To Databases  
MMB232 Materials Technology  
MMB252 Thermofluids  
MMB272 Quality and Reliability Engineering

**Year 3, Semester 1**

EEB220 Electrical Engineering 2m  
ITB221 3gl Systems  
MMB371 Manufacturing Processes  
MMB373 Professional Practices I (Engineering Economics And Marketing)

MMB375 Industrial Engineering

**Year 3, Semester 2**

ITB827 Fundamentals Of Enterprise Systems  
MMB376 Professional Practices II (Engineering Management)  
MMB476 Operations Management  
Elective from list A

**Year 4, Semester 1**

MMB473 Professional Practices III (Technology and Innovation)  
3 Electives from list B

**Year 4, Semester 2**

MMB400 Industry Project  
OR

MMB401 Project

**Electives - List A**

MMB478 Mechatronics Systems Design  
MMB382 Design And Maintenance Of Machinery  
MMB471 Computer Integrated Manufacturing  
MMB353 Tribology  
Any 12 cp unit approved by course coordinator

**Electives - List B**

MMB451 Energy Management  
MMB470 Engineering Asset Management And Maintenance  
MMB472 Design For Manufacturing 2  
ITB222 Business Systems Analysis  
ITB823 Web Sites For Electronic Commerce  
MEN units for articulation to the Master of Engineering  
Any 12 cp unit approved by the course coordinator.

**■ Bachelor of Engineering (Environmental Management) (CE46)**

**Award title:** Bachelor of Engineering (Environmental Management)

**CRICOS code:** 040310K

**Location:** Gardens Point

**Course duration (full-time):** 4 years

**Total credit points:** 384

**Course coordinator:** Dr Martin Murray

**Professional Recognition**

Professional accreditation will be sought from The Institution of Engineers, Australia (IEAust).

**Articulation to Masters of Engineering**

Subject to University approval, students achieving a certain minimum performance criteria at the end of year 3 of the Bachelor of Engineering course, may be eligible to study two units of the Master of Engineering Science level units as electives.

After successfully completing the Bachelor of Engineering course, students eligible to enrol in the Master of Engineering Science courses can then have these two units credited towards the Masters Program.

**Other Options**

This course is also offered as an accelerated program for mid-year entry students. The course can be completed in three and a half years full-time through attendance at the Summer Program.

**Special Course Requirements**

A candidate for the degree of Bachelor of Engineering (Environmental Management) must obtain at least 60 days of industrial experience/practice in an engineering environment approved by the Course Coordinator.

**Minors**

Subject to the approval of the Course Coordinator, students may be able to chose a minor area of study. A minor is a collection of four units from the one study area, that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

**Course Structure**

**Year 1, Semester 1**

CEB109 Engineering Mechanics 1  
MMB131 Engineering Materials  
MAB180 Engineering Mathematics 1

or

MAB131 Engineering Mathematics 1A  
CEB213 Environmental Science

Please note: MAB180 - students must have Maths B.

MAB131 - students must have Maths C.

Students who do not have SA in Maths B, please consult School Admin Officer.

**Year 1, Semester 2**

BNB007 Professional Studies 1  
CEB110 Engineering Mechanics 2  
EEB112 Electrical And Computer Engineering 1  
MAB132 Engineering Mathematics 1B

**Year 2, Semester 1**

CEB207 Professional Studies 2  
CEB232 Geotechnical Engineering 1 And The Environment  
CEB230 Engineering Materials And The Environment  
PCB136 Engineering Physics 1C

**Year 2, Semester 2**

CEB215 Structural Engineering 1  
CEB217 Hydraulic Engineering 1  
CEB233 Environmental Professional Studies 3 (Impacts Of Projects And Sustainable Development)

MAB138 Engineering Statistics and Numerical Methods

**Year 3, Semester 1**

CEB317 Professional Studies 4  
CEB319 Water Engineering  
PSB435 Social And Cultural Relations  
CEB330 Environmental Management For Engineers

**Year 3, Semester 2**

CEB321 Water And Wastewater Treatment  
CEB322 Geotechnical Engineering 2  
CEB418 Waste Resource Management  
CEB419 Environmental Transport & Infrastructure Management

**Year 4, Semester 1**

CEB409 Professional Studies 6 (Civil Projects Design)

CEB420 Environmental Thesis A\* or Elective from list A if deferred to semester 2

CEB416 Environmental Law And Assessment  
\*Choose 1 Elective from the list A

**Year 4, Semester 2**

CEB420 Thesis A\* or Elective from list A

PSB443 Population And Urban Studies  
Elective list B  
Elective list B

\* CEB420 can be studied either semester

A minor from the Faculty of Built Environment and Engineering or Science can be substituted for 4 elective units in 4th year.

**Electives - List A Semester 1 (subject to availability)**

CEB523 Environmental Geotechnology

PSP501 Environmental Planning And Assessment

NRB300 Environmental Monitoring

NRB500 Environmental Modelling

NRB501 Mapping and Modelling of Natural Resource Data  
Or other units approved by the Course Coordinator

**Electives - List B Semester 2 (subject to availability)**

CEB415 Thesis Project B

CEB417 Environmental Professional Studies

PSB443 Population And Urban Studies

PSP453 Urban Systems And The Physical Environment

NRB400 Environmental Systems

NRB440 Environmental Chemistry

NRB600 Issues in Environmental Management

SCB402 Earth Resources Management

Or other units approved by the Course Coordinator

MAB134 Electrical Engineering Mathematics 3

MMB131 Engineering Materials

**Year 2, Semester 2**

EEB412 Advanced Electronics And Embedded Systems

MAB135 Electrical Engineering Mathematics 4

MMB252 Thermofluids

MMB476 Operations Management

**Year 3, Semester 1**

EEB311 Electrical Measurement And Machines

MMB211 Mechanics 1

MMB371 Manufacturing Processes

Elective

**Year 3, Semester 2**

EEB411 Classical Control And Power Systems

ITB427 Concurrent And Distributed Systems

MMB212 Mechanics 2

MMB374 Design For Manufacturing 1

**Year 4, Semester 1**

EEB521 Digital Systems And Control

ITB847 Computational Intelligence for Control and Embedded Systems

MMB478 Mechatronics Systems Design

Elective

**Year 4, Semester 2**

MGB007 Engineering Management

MMB004 Infomechatronics Project

Students must complete 60 days Industrial Experience to graduate.

■ **Bachelor of Engineering (Infomechatronics) (ME40)**

**Award title:** Bachelor of Engineering (Infomechatronics)

**CRICOS code:** 003490G

**Location:** Gardens Point

**Course duration (full-time):** 4 Years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Prasad Yarlagadda

**Professional Recognition**

This course has received preliminary accreditation from The Institution of Engineers, Australia (IEAust).

**Special Course Requirements**

Students must obtain at least 60 days of industrial work experience in an engineering environment approved by the course coordinator.

**Articulation to Masters**

Subject to University approval, students achieving a minimum performance criteria at the end of year 3 of the Bachelor of Engineering course, may be eligible to study two Master of Engineering Science or Master of Engineering Management units as electives. After successfully completing the Bachelor of Engineering course, students eligible to enrol in the Master of Engineering Science or Master of Engineering Management courses can then have these two units credited towards the Masters Program.

**Course structure**

**Year 1, Semester 1**

CEB109 Engineering Mechanics 1

ITB849 Introduction To Technical Computing

PCB136 Engineering Physics 1C

MAB131 Engineering Mathematics 1A

OR

MAB180 Engineering Mathematics 1

**Year 1, Semester 2**

BNB007 Professional Studies 1

EEB213 Electrical Circuits And Measurements

MAB132 Engineering Mathematics 1B

MMB112 Dynamics

**Year 2, Semester 1**

EEB312 Analog And Digital Electronics

ITB851 Advanced Technical Computing

■ **Bachelor of Engineering (Mechanical) (ME41)**

**Award title:** Bachelor of Engineering (Mechanical)

**CRICOS code:** 003490G

**Location:** Gardens Point

**Course duration (full-time):** 4 years

**Course duration (part-time):** 6 to 8 years (February entry only)

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Andy Tan

**Professional Recognition**

This degree is recognised for the purpose of membership of The Institution of Engineers, Australia. It is professionally recognised by the Hong Kong Institution of Engineers, the UK Institution of Mechanical Engineers, the Institution of Professional Engineers, New Zealand, and the Institution of Engineers, Ireland. Graduates meet the requirements for membership of the Singapore Professional Engineers Board, and the Lembaga Jurutera (Board of Engineers) Malaysia. The course is also accredited by the Indonesian Directorate of Higher Education as equivalent to the appropriate Indonesian degree.

**Minors**

Subject to the approval of the Course Coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area, that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

**Articulation to Masters**

Subject to University approval, students achieving a minimum performance criteria at the end of year 3 of the Bachelor of Engineering course, may be eligible to study two Master of Engineering Science or Master of Engineering Management units as electives. After successfully completing the Bachelor of Engineering course, students eligible to enrol in the Master of Engineering Science or Master of Engineering Management courses can then have these two units credited towards the Masters Program.

### Part-time Study

Prospective part-time students for this degree should be aware that they may need 9 to 12 hours release from their employment. Students wishing to enrol part-time must consult with the Course Coordinator regarding their enrolment.

### Course structure

#### Year 1, Semester 1

CEB109 Engineering Mechanics 1  
MMB131 Engineering Materials  
PCB136 Engineering Physics 1C  
MAB180 Engineering Mathematics 1

or

MAB131 Engineering Mathematics 1A

#### Year 1, Semester 2

BNB007 Professional Studies 1  
EEB112 Electrical And Computer Engineering 1  
MAB132 Engineering Mathematics 1B  
MMB112 Dynamics

#### Year 2, Semester 1

EEB220 Electrical Engineering 2m  
MAB133 Engineering Mathematics 2  
MMB211 Mechanics 1  
MMB281 Fundamentals Of Mechanical Design

#### Year 2, Semester 2

MAB136 Engineering Statistics  
MMB212 Mechanics 2  
MMB232 Materials Technology  
MMB252 Thermofluids

#### Year 3, Semester 1

MMB311 Mechanics 3  
MMB352 Fluid Mechanics  
MMB371 Manufacturing Processes  
MMB381 Design Of Mechanical Components And Machines

#### Year 3, Semester 2

MGB007 Engineering Management  
MMB351 Thermodynamics  
MMB382 Design And Maintenance Of Machinery  
Elective from Group A

#### Year 4, Semesters 1 and 2

##### Option 1

MMB400 Industry Project  
3 electives from Group B and 1 elective from Group C

##### Option 2

MMB401 Project  
3 electives from Group B and 1 elective from Group C  
Students in this course must complete 60 days industrial experience before graduating.

#### Electives - Group A

MMB412 Finite Element Analysis  
MMB430 Advanced Materials  
MMB450 Air Conditioning  
MMB353 Tribology

#### Electives - Group B

MMB411 Advanced Automatic Control  
MMB413 Industrial Noise And Vibrations  
MMB451 Energy Management  
MMB461 Process Systems Design  
MMB471 Computer Integrated Manufacturing  
MMB472 Design For Manufacturing 2  
Any unit from another Faculty approved by the Course Coordinator.

#### Electives - Group C

MMB470 Engineering Asset Management And Maintenance  
or  
MMB476 Operations Management  
or  
Any Management unit approved by the Course Coordinator.

#### Electives Note

Not all electives are available every semester.  
MMB430 is available in odd years only, MMB450 is available in even years only.  
MMB451, MMB461, MMB472 and MMB470 are available in semester 1 only.  
MMB411, MMB413, MMB471 and MMB476 are available in semester 2 only.

### ME42 BEngineering (Mechanical) Mid-year entry

#### Year 1 - Semester 2

BNB007 Professional Studies 1

CEB109 Engineering Mechanics 1  
PCB136 Engineering Physics 1C  
MAB131 Engineering Mathematics 1A  
OR

MAB180 Engineering Mathematics 1

#### Year 1 - Summer Program

MAB132 Engineering Mathematics 1B  
MMB112 Dynamics

#### Year 2 - Semester 1

MAB133 Engineering Mathematics 2  
MMB131 Engineering Materials  
MMB211 Mechanics 1

MMB281 Fundamentals Of Mechanical Design

#### Year 2 - Semester 2

EEB112 Electrical And Computer Engineering 1  
MAB136 Engineering Statistics  
MMB212 Mechanics 2  
MMB232 Materials Technology  
MMB252 Thermofluids

#### Year 3 - Semester 1

EEB220 Electrical Engineering 2m  
MMB311 Mechanics 3  
MMB352 Fluid Mechanics  
MMB371 Manufacturing Processes  
MMB381 Design Of Mechanical Components And Machines

#### Year 3 - Semester 2

MGB007 Engineering Management  
MMB351 Thermodynamics  
MMB382 Design And Maintenance Of Machinery  
Group A - Elective

#### Year 4 - Semester 1 or 2 Option 1

MMB400 Industry Project  
3 Group B Electives  
1 Group C Elective

#### Year 4 - Semester 1 or 2 Option 2

MMB401/1 Project  
MMB401/2 Project  
3 Group B Electives  
1 Group C Elective

#### Group A Electives

MMB412 Finite Element Analysis  
MMB430 Advanced Materials  
MMB450 Air Conditioning  
MMB353 Tribology

#### Group B Electives

MMB411 Advanced Automatic Control  
MMB413 Industrial Noise And Vibrations  
MMB451 Energy Management  
MMB461 Process Systems Design  
MMB471 Computer Integrated Manufacturing  
MMB472 Design For Manufacturing 2  
Any unit approved by the Course Coordinator.

#### Group C Electives

MMB470 Engineering Asset Management And Maintenance  
MMB476 Operations Management  
Any management unit approved by the Course Coordinator.

#### Electives Note

See above, ME41 B Engineering (Mechanical), for semesters of offer.

## ■ Bachelor of Engineering (Mechanical) Conversion Program from Bachelor of Technology ME36 (ME41)

**Award title:** Bachelor of Engineering (Mechanical)

**Location:** Gardens Point

**Course duration (full-time):** 1.5 years

**Total credit points:** 144

**Course coordinator:** Dr Andy Tan

### Professional Recognition

This degree is recognised for the purpose of membership of The Institution of Engineers, Australia. It is professionally recognised by the Hong Kong Institution of Engineers, the UK Institution of Mechanical Engineers, the Institution of Professional Engineers, New Zealand, and the Institution of Engineers, Ireland. Graduates meet the requirements for membership of the Singapore Professional Engineers Board, and the Lembaga Jurutera (Board

of Engineers) Malaysia. The course is also accredited by the Indonesian Directorate of Higher Education as equivalent to the appropriate Indonesian degree.

### Course structure

#### Year 1, Semester 1

MAB133 Engineering Mathematics 2  
MMB311 Mechanics 3  
MMB352 Fluid Mechanics  
MMB381 Design Of Mechanical Components And Machines

#### Year 1, Semester 2

MAB136 Engineering Statistics  
MMB351 Thermodynamics  
MMB382 Design And Maintenance Of Machinery  
1 Elective

#### Year 2, Semester 1

MMB400 Industry Project  
OR

MMB401/1 Internal Project  
MMB401/2 Internal Project

## ■ Bachelor of Engineering (Medical) (ME48)

**Award title:** Bachelor of Engineering (Medical)

**CRICOS code:** 003490G

**Location:** Gardens Point

**Course duration (full-time):** 4 Years

**Total credit points:** 384

**Course coordinator:** Dr Timothy Barker

### Professional Recognition

This course is accredited by The Institution of Engineers, Australia (IEAust). Graduates are eligible to be graduate members of IEAust.

### Articulation to Masters

Subject to University approval, students achieving a minimum performance criteria at the end of year 3 of the Bachelor of Engineering course, may be eligible to study two Master of Engineering Science or Master of Engineering Management units as electives. After successfully completing the Bachelor of Engineering course, students eligible to enrol in the Master of Engineering Science or Master of Engineering Management courses can then have these two units credited towards the Masters Program.

### Industrial Experience

Students must obtain at least 60 days of industrial employment in an engineering environment approved by the course coordinator. Half of this experience must be in an industry related to Biomedical Engineering.

### Course structure

#### Year 1, Semester 1

LSB142 Human Anatomy and Physiology  
MMB191 Introduction To Engineering In The Medical Environment  
PCB136 Engineering Physics 1C  
MAB180 Engineering Mathematics 1  
or

MAB131 Engineering Mathematics 1A

#### Year 1, Semester 2

CEB109 Engineering Mechanics 1  
MAB132 Engineering Mathematics 1B  
MMB112 Dynamics  
MMB131 Engineering Materials

#### Year 2, Semester 1

HMB274 Functional Anatomy  
MAB133 Engineering Mathematics 2  
MMB211 Mechanics 1  
MMB281 Fundamentals Of Mechanical Design

#### Year 2, Semester 2

EEB112 Electrical And Computer Engineering 1  
MAB136 Engineering Statistics  
MMB252 Thermofluids  
MMB292 Biomaterials

#### Year 3, Semester 1

EEB220 Electrical Engineering 2m

MMB311 Mechanics 3  
MMB371 Manufacturing Processes  
MMB391 Biomechanical Engineering Systems

#### Year 3, Semester 2

MGB007 Engineering Management  
MMB362 Biofluids  
MMB392 Bioengineering Design 2  
PCB605 Biomedical Instrumentation

#### Year 4, Semester 1

MMB409/1 Project  
MMB470 Engineering Asset Management And Maintenance  
Elective from list A

#### Year 4, Semester 2

MMB409/2 Project  
MMB492 Health Legislation And The Medical Environment  
Elective from list B

#### Elective List A

MMB494 Rehabilitation Equipment Design And Evaluation  
PUB112 Workplace Health And Safety  
MMB353 Tribology  
Any other elective approved by the Course Coordinator.

#### Elective List B

MMB411 Advanced Automatic Control  
MMB412 Finite Element Analysis  
MMB496 Modelling And Simulation For Medical Engineers  
PCB805 Medical Imaging and Image Processing  
Any other elective approved by the Course Coordinator.

## ■ Bachelor of Engineering (Telecommunications) (EE47)

**Award title:** Bachelor of Engineering (Telecommunications)

**CRICOS code:** 040308D

**Location:** Gardens Point

**Course duration (full-time):** 4 years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Vinod Chandran

### Professional Recognition

The course is provisionally accredited by The Institution of Engineers, Australia (IEAust).

### Course Outline

Students study a combination of units from the School of Electrical and Electronic Systems Engineering, School of Computer Science and Software Engineering, School of Data Communication and the School of Mathematics. Telecommunication is an area undergoing explosive growth. Recent advances that have taken place in this area will soon enable global communication between people, anywhere, anytime.

### Other Requirements

Students must complete at least 60 days of industrial experience in order graduate.

### Articulation to Masters

Subject to University approval, students achieving a certain minimum performance criteria at the end of year 3 of the Bachelor of Engineering course, may be eligible to study two Master of Engineering Science level units as electives.

After successfully completing the Bachelor of Engineering course, students eligible to enrol in the Master of Engineering Science courses can then have these two units credited towards the Masters Program.

### Course structure

#### Year 1, Semester 1

ITB111 Software Development 1  
ITB114 Introduction to Network Technologies  
PCB136 Engineering Physics 1C  
MAB180 Engineering Mathematics 1  
OR  
MAB131 Engineering Mathematics 1A

MAB180 Engineering Mathematics is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).

**Year 1, Semester 2**

BNB007 Professional Studies 1  
 EEB213 Electrical Circuits And Measurements  
 ITB112 Software Development 2  
 MAB132 Engineering Mathematics 1B

**Year 2, Semester 1**

EEB312 Analog And Digital Electronics  
 EEB340 Introduction To Telecommunications  
 ITB118 Systems Life Cycle  
 MAB134 Electrical Engineering Mathematics 3

**Year 2, Semester 2**

EEB412 Advanced Electronics And Embedded Systems  
 EEB440 Classical Signal Processing  
 ITB421 Software Development 3  
 MAB135 Electrical Engineering Mathematics 4

**Year 3, Semester 1**

EEB560 Digital Communications  
 EEB584 Introduction To Design  
 ITB524 Internetworking  
 General Elective

**Year 3, Semester 2**

EEB640 Digital Signal Processing  
 EEB641 Fields Transmission And Propagation  
 EEB684 Advanced Design  
 ITB527 Network Technologies

**Year 4, Semester 1**

EEB766 Communication Technologies  
 EEB781 Professional Studies 2  
 EEB889-1 Project  
 Elective Unit 1

**Year 4, Semester 2**

EEB889-2 Project  
 EEB960 Wireless Communications  
 Elective Unit 2  
 Elective Unit 3  
 Students must complete 60 days work experience before graduating.

**Elective Units**

EEB904 Advanced Topics In Electrical Engineering A  
 EEB941 Modern Signal Processing  
 EEB961 RF And Applied Electromagnetics  
 ITB442 Foundations Of Artificial Intelligence  
 ITB448 Object Technology  
 ITB458 Java And Extensible Programming  
 ITB463 Pattern Recognition  
 EEB905 Advanced Topics In Electrical Engineering B  
 EEB992 VLSI Circuits And Systems  
 EEP129 Image Processing And Computer Vision  
 ITB461 Foundations Of Neurocomputing

**■ Bachelor of Property Economics (CN54)**

**Award title:** Bachelor of Property Economics

**CRICOS code:** 040319A

**Location:** Gardens Point

**Course duration (full-time):** 4 years or 3 years for the early exit option

**Course duration (part-time):** 8 years or 6 years for the early exit option

**Total credit points:** 384, or 288 for 3 years early exit option

**Course coordinator:** Dr Lynne Armitage

**International Student Entry**

QUT advises that International Students may only enrol in full-time studies.

**Professional Recognition**

Graduates with relevant experience are eligible for membership of the Australian Property Institute and registration by the Valuers Registration Board of Queensland. The course is accredited by the Royal Institution of Chartered Surveyors and has been recommended for accreditation by the Singapore Institute of Surveyors and Valuers.

**Special Note**

Students may elect to complete their studies on the completion of 3 years (or flexible part-time equivalent). Students who select this option will graduate with a Bachelor of Applied Science (Property Economics) degree. This degree provides full domestic accreditation with the Australian Property Institute and Valuers Registration Board of Queensland. Students graduating on the four year program have the potential to graduate with honours according to their overall grade point average.

**Special course requirements**

All students must undertake 60 days' professional work experience during the course as part of CNB390 Professional Practice. All work experience is to be approved by the course coordinator to verify that it is appropriate. A work experience diary is to be maintained and available for inspection by the unit coordinator as a formal assessment component.

A student registered in the flexible or part-time study program must be employed full-time in an approved organisation for three of the final four years of the course. Part-time study generally involves around 8 formal contact hours per week and some release from employment is required.

**Flexible Mode**

Students may take up to 3 units per semester from the full-time timetable.

**Minors**

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area, that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

**Course structure**

**Semester 1**

CNB190 Introductory Studies  
 CNB191 Property Law 1  
 BSB113 Economics  
 CNB192 Building Studies 1

**Semester 2**

EFB102 Economics 2  
 CNB193 Property Law 2  
 CNB194 Principles Of Property Valuation  
 MAB107 Introductory Mathematics and Statistics

**Semester 3**

CNB290 Building Studies 2  
 CNB291 Urban Economics  
 CNB292 Property Investment Valuation  
 CNB293 Real Estate Accounting And Taxation

**Semester 4**

EFB210 Finance 1  
 CNB294 Real Estate Agency And Marketing  
 CNB295 Planning Theory And Processes  
 CNB296 Contemporary Issues

**Semester 5**

CNB390 Professional Practice  
 CNB391 Statutory And Applied Valuation  
 EFB307 Finance 2

**Semester 6**

CNB392 Property Investment Analysis  
 CNB393 Property And Asset Management  
 CNB394 Property Development  
 CNB395 Research Methods

**Semester 7 & 8**

CNB490-1 Research Dissertation  
 CNB490-2 Research Dissertation  
 EFB202 Business Cycles And Economic Growth

Students must complete the 3 core units above plus ALL FIVE units from any one of the elective options below. All electives must be approved by the Course Coordinator prior to year 4 enrolment.

**Option 1- Valuation and Analysis**

EFB318 Portfolio And Security Analysis



CNB494 Advanced Market Research Analysis  
 CNB491 Rural Valuation  
 CNB492 Business And Specialist Valuation  
 CNB493 Advanced Property Valuation And Analysis

**Option 2 - Property and Asset Management**

CNB494 Advanced Market Research Analysis  
 EFB318 Portfolio And Security Analysis  
 CNB495 Strategic Property And Facilities Management  
 EFB326 Applied Portfolio Management  
 MGB207 Human Resource Issues And Strategy

**Option 3 - Development Management**

CNB496 Project Management  
 CNB497 Project Cost And Risk Management  
 CNB498 Project Human Resource Management  
 CNB499 International Project Development Management  
 EFB312 International Finance And Economics

**Option 4 - Faculty specified minor**

4 Faculty minor electives  
 Free choice elective

■ **Bachelor of Surveying (PS47)**

**Award title:** Bachelor of Surveying

**CRICOS code:** 016354J

**Location:** Gardens Point

**Course duration (full-time):** 4 Years

**Total credit points:** 384

**Course coordinator:** Mr Kevin Jones

**Professional Recognition**

Australia: The Bachelor of Surveying degree meets the requirements for membership of The Institution of Surveyors, Australia, and the Institute of Engineering and Mining Surveyors, Australia. The degree also satisfies the academic requirements of the Surveyors Board of Queensland as leading to registration and licensing as a Surveyor. The degree is recognised by the Mapping Sciences Institute, Australia, as satisfying academic membership requirements. Overseas: Surveying graduates are readily accepted internationally.

**Special Course Requirements**

Students must obtain at least 90 days of industrial experience/practice in a surveying/mapping environment, approved by the course coordinator. Students must submit a report or diary in the required format, describing the work carried out during the period of industrial experience/practice and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms are available from the School of Design and Built Environment, Level 5, D Block, Gardens Point Campus or the Faculty Industrial Experience Officer, Level 10, S Block, Gardens Point.

**Minors**

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area, that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

**Course structure**

**Year 1, Semester 1**

MAB100 Mathematical Sciences 1A  
 PSB412 Computer Skills  
 PSB414 Professional Skills 1  
 PSB424 Land Science

**Year 1, Semester 2**

DBB646 Surveying Computations  
 PCB172 Physics for Surveyors  
 PSB422 Environmental Science  
 PSB640 Surveying

**Year 2, Semester 1**

MAB137 Surveying Mathematics 1  
 PSB610 Government And Law  
 PSB620 Cadastral Surveying And Mapping

PSB630 Cartography And Digital Mapping

**Year 2, Semester 2**

MAB730 Surveying Mathematics 2  
 PSB611 Introduction To Urban And Regional Economics  
 PSB631 Geographic Information Systems 1  
 PSB641 Engineering Surveying

**Year 3, Semester 1**

CEB259 Engineering Design For Land Development  
 PSB612 Spatial And Land Information Management  
 PSB642 Control Surveying And Analysis  
 Elective

**Year 3, Semester 2**

PSB613 Land Development Principles And Policies  
 PSB632 Photogrammetry  
 PSB643 Geodesy  
 Elective

**Year 4, Semester 1**

PSB614 Urban And Rural Design Principles  
 PSB633 Map Production: Principles And Practice  
 PSB644 Advanced Geodesy  
 Elective

**Year 4, Semester 2**

PSB615 Urban And Rural Design Practice  
 PSB621 Advanced Cadastral Surveying  
 PSB645 Surveying And Mapping Practice  
 Elective  
 Students in this course must complete 90 days industrial experience before graduating.

**Recommended Surveying Electives**

**Year 3, Semester 1**

PSB655 Remote Sensing

**Year 3, Semester 2**

PSB652 Topics In Land Administration

**Year 4, Semester 1**

PSB655 Remote Sensing  
 PSB654 Topics In Spatial Information Science  
 PSB650 Project 1

**Year 4, Semester 2**

PSB652 Topics In Land Administration  
 PSB653 Topics In Surveying Engineering  
 PSB651 Project 2

**Course structure PS48 B Surveying Mid-Year Entry**

**Year 1, Semester 1**

MAB100 Mathematical Sciences 1A  
 PCB172 Physics for Surveyors  
 DBB646 Surveying Computations  
 PSB424 Land Science

**Year 1, Summer Program**

PSB640 Surveying

**Year 2, Semester 1**

MAB137 Surveying Mathematics 1  
 PSB412 Computer Skills  
 PSB620 Cadastral Surveying And Mapping  
 PSB630 Cartography And Digital Mapping  
 PSB610 Government And Law

**Year 2, Semester 2**

MAB730 Surveying Mathematics 2  
 PSB611 Introduction To Urban And Regional Economics  
 PSB631 Geographic Information Systems 1  
 PSB641 Engineering Surveying

**Year 3, Semester 1**

CEB259 Engineering Design For Land Development  
 PSB414 Professional Skills 1  
 PSB612 Spatial And Land Information Management  
 PSB642 Control Surveying And Analysis  
 Elective

**Year 3, Semester 2**

PSB613 Land Development Principles And Policies  
 PSB632 Photogrammetry  
 PSB643 Geodesy  
 Elective

**Year 4, Semester 1**

PSB422 Environmental Science  
 PSB614 Urban And Rural Design Principles  
 PSB633 Map Production: Principles And Practice  
 PSB644 Advanced Geodesy  
 Elective

**Year 4, Semester 2**

PSB615	Urban And Rural Design Practice
PSB621	Advanced Cadastral Surveying
PSB645	Surveying And Mapping Practice Elective

**Recommended Surveying Electives**

**Year 3, Semester 1**

PSB655	Remote Sensing
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**Year 3, Semester 2**

PSB652	Topics In Land Administration
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**Year 4, Semester 1**

PSB655	Remote Sensing
PSB654	Topics In Spatial Information Science
PSB650	Project 1

**Year 4, Semester 2**

PSB652	Topics In Land Administration
PSB653	Topics In Surveying Engineering
PSB651	Project 2

**■ Bachelor of Technology (Mechanical) Conversion Program (ME36)**

**Award title:** Bachelor of Technology (Mechanical)

**Location:** Gardens Point

**Course duration (part-time):** 3 Years

**Total credit points:** 288 (including 144 cp advanced standing)

**Course coordinator:** Dr Vladis Kosse

**International Study Entry**

QUT advises that International Students may only enrol in full-time studies. Prospective part-time students for this degree should be aware that they may need 9 to 12 hours release from their employment.

**Professional Recognition**

Preliminary accreditation has been granted by The Institution of Engineers, Australia (IEAust). Full recognition will be sought this year. When full recognition has been gained, graduates will be eligible for affiliate membership, providing them with official recognition as an engineering technologist. The three-year degree is recognised by the Singapore Institute of Engineering Technologists.

**Additional Information**

Candidates with an Advanced Diploma in Mechanical Engineering (or equivalent) or a relevant tertiary qualification (eg. Bachelor of Science or CAE Diploma in Mechanical Engineering) will receive credit of 144 credit points. Students will be automatically granted 144 credit points of academic credit towards their degree.

**Part-time Study**

Prospective part-time students for this degree should be aware that they may need 9 to 12 hours release from their employment.

**Course structure**

**Year 1, Semester 1**

MMB281	Fundamentals Of Mechanical Design
MMB371	Manufacturing Processes

**Year 1, Semester 2**

MAB132	Engineering Mathematics 1B
MMB112	Dynamics

**Year 2, Semester 1**

EEB220	Electrical Engineering 2m
MMB211	Mechanics 1

**Year 2, Semester 2**

MMB232	Materials Technology
MMB252	Thermofluids

**Year 3, Semester 1**

MGB207	Human Resource Issues And Strategy
MMB302	Project 2f

**Year 3, Semester 2**

MMB212	Mechanics 2
MMB312	Mechanical Measurement

**■ Advanced Diploma in Engineering (Civil)/Hons/Bachelor of Technology (Civil) (CE35)**

**Location:** Gardens Point

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Course coordinator:** Mr Bevan Boyce

**Course Outline**

This dual award is a cooperative arrangement between Southbank Institute of TAFE, the School of Engineering and the Faculty of Built Environment and Engineering, Queensland University of Technology. Initial entry is to a specially designed two year advanced diploma at SBIT, followed by a third year at QUT, to qualify for the Bachelor of Technology degree. In their second year students will study units from QUT, which form part of the Advanced Diploma and in third year study one module at SBIT toward their Bachelor of Technology degree.

**Professional recognition**

The course has provisional recognition by The Institution of Engineers, Australia.

**Course structure**

**Please Note:**

SBIT: 1st Trimester - February-May

2nd Trimester - June-July

3rd trimester - August-December

QUT: 1st Semester - February-July

2nd Semester - July-October

**Year 1, Trimester 1 - SBIT**

NBB012 Engineering Drawing Interpretation 1

EA061 Engineering Graphics

EA050 Engineering Computing

EA859 Statics

EB004 University Engineering Mathematics 1

EA860 Surveying Computations

EA861 Surveying Principles

NBB002 Occupation Health and Safety

**Year 1, Trimester 2 - SBIT**

NNM006 Computer Aided Drafting A - CAD A

EA804 Introductory Strength of Materials

EB005 University Engineering Bridging Mathematics 2

EA815 Drafting Steelwork 1

**Year 1, Trimester 3 - SBIT**

EA065 Computer Aided Drafting B - CAD B

EA820 Engineering Surveying 1

EA812 Drafting Reinforced Concrete 1

NBB005 Quality Concepts

EA071 Planning, Estimating and Costing

EA027 Presenting Reports

EA033 Writing Workplace Documents

EA850 Civil Construction Techniques A

EA851 Civil Construction Techniques B

EB851 Environment Engineering

EA805 Load Analysis

EB006 University Engineering Bridging Mathematics 3

**Year 2, Trimester 1 - SBIT**

EA813 Drafting Roads 1 (Rural)

EB860 Geometric Road Design

EA810 Drafting Pipelines

**Year 2, Semester 1 - QUT**

CEB208 Materials Science

CEB213 Environmental Science

**Year 2, Trimester 3 - SBIT**

EB854 Stormwater Drainage

EB071 Project Management

EA068 Three Dimensional Drawing - CAD

EA066 Computer Aided Drafting C - CAD C

EB850 Civil Estimating

EB878 Civil Engineering Computer Applications

**Year 2, Semester 2 - QUT**

CEB215 Structural Engineering 1

OR

CEB219 Structural Engineering 1a

Exit point for Advanced Diploma (Civil)/Hons

**Year 3, Semester 1 - QUT**

CEB207	Professional Studies 2
CEB209	Geotechnical Engineering 1 OR
CEB218	Geotechnical Engineering 1a
CEB328	Investigation Project Elective from list below

**Year 3, Trimester 3 - SBIT**

EB865	Municipal Design
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**Year 3, Semester 2 - QUT**

CEB214	Professional Studies 3
CEB217	Hydraulic Engineering 1 OR
CEB222	Hydraulic Engineering 1A
CEB328	Investigation Project Elective from list below

**Electives - Semester 1**

CEB318	Structural Engineering 2
CEB319	Water Engineering
MAB138	Engineering Statistics and Numerical Methods

**Electives - Semester 2**

CEB321	Water And Wastewater Treatment
CEB322	Geotechnical Engineering 2
CEB323	Transport Engineering 1
CEB413	Structural Engineering 3

**■ Advanced Diploma in Engineering  
(Mechanical)/Bachelor of Technology  
(Mechanical) (ME37)**

**Award title:** Bachelor of Technology (Mechanical)

**Location:** Gardens Point

**Course duration (full-time):** 3 years

**Total credit points:** 288 (including 120 cp advanced standing)

**Course coordinator:** Dr Vladdis Kosse

**Additional Information**

This dual award is a cooperative arrangement between QUT, the Brisbane Institute of TAFE, Moreton Institute of TAFE and Yeronga Institute of TAFE. It is a specially designed course, offering a two year Advanced Diploma at the participating TAFE Institutes followed by a third year at QUT to qualify for a Bachelor of Technology degree. In their second year students will study units from both QUT and TAFE. Applicants must satisfy the entry requirements for the Advanced Diploma in Mechanical Engineering at the relevant TAFE.

**Professional Recognition**

Bachelor of Technology graduates are eligible for affiliate membership of The Institution of Engineers, Australia as Engineering Technologists.

**Course structure**

**Year 1-Trimester 1/Semester 1**

NNB02	Occupational Health & Safety
EA061	Engineering Graphics
EA050	Engineering Computing
EA011	Science
EB004	Uni Eng Bridging Maths 1
EB002	Maths A or
EA003	Maths B
EA064	Computer Aided Drafting A

**Year 1-Trimester 2/ Semester 2**

NNB06	Machining
NBB07	Hand & Power Tools
EA010	Material Science
EA701	Engineering Drawing Detail
EA859	Statics
EB005	Uni Eng Bridging Maths 2
EA065	Computer Aided Drafting B

**Year 1-Trimester 3/Summer Semester**

EA804	Introduction to Strength of Materials
EB650	Materials for Engineering
EA704	Mechanical Systems
EA772	Introduction to Dynamics

EB006	Uni Eng Bridging Maths 3
NNM09	CNC Machining

**Year 2 - Trimester 1/Semester 1**

EA790	Manufacturing Processes
NE160	Electrical Principles
MMB312	Mechanical Measurement
MMB211	Mechanics 1
MMB300	Project 2T or Elective

**Year 2 - Trimester 2/Semester 2**

EB771	Advanced Dynamics
EA060	Engineering Design Concepts
EB704	Mechanical Design
MMB232	Materials Technology
MMB272	Quality and Reliability Analysis
EEB112	Electrical And Computer Engineering 1

**Year 2 - Trimester 3**

EB714	Thermodynamics
EB070	Engineering Management

**Year 3 - Trimester 1/Semester 1**

EEB220	Electrical Engineering 2m
MMB371	Manufacturing Processes
MAB132	Engineering Mathematics 1B
MMB381	Design Of Mechanical Components And Machines

**Year 3 - Trimester 2/Semester 2**

MMB252	Thermofluids
MMB212	Mechanics 2
MMB376	Professional Practice 2 (Engineering Management) Elective

**Note:**

MMB, EEB and MAB units = QUT units.



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## Section Three – Course Information

# Business

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## OVERVIEW

Business is QUT's largest faculty, attracting over a quarter of the university's enrolments, and is also one of the largest business faculties in Australia.

Through various collaborations with industry and professional bodies, we are a key player in the business community with extensive local and international links.

We know what employers want in today's business graduates - because we ask them. We regularly involve representatives from the business community in the development and review of our courses. And we employ part time lecturers and tutors currently working in business.

As a student, you will be encouraged to undertake real-world projects to help you develop your own strong links. And you can take advantage of our extensive exchange program and our international study tours options.

This strong practical component of our courses is complemented by our academic excellence. The diversity of interests, experiences, and expertise of our locally and internationally drawn academic staff creates a rich learning and research environment.

We recognise that in the ever-changing world of business you need a solid foundation in business principles along with the flexibility to pursue studies in multiple areas. The Faculty has developed a range of innovative and collaborative programs.

You will graduate with the business acumen and entrepreneurial skills needed to turn any good idea into a successful enterprise within today's competitive international environment. And you will be able to anticipate the business challenges and opportunities of the future.

### Undergraduate

Our Bachelor of Business allows you to tailor your studies to suit your own needs and career aspirations. Choose from majors in:

- Accountancy
- Advertising
- Banking & Finance
- Economics
- Electronic Business
- Human Resource Management
- International Business
- Management
- Marketing
- Public Relations

Having nominated a major, you can then pursue your chosen discipline in more depth, or add a particular flavour or emphasis. You can add units from other faculties within QUT. We also offer a number of double degree options.

### Postgraduate

There are many reasons for considering postgraduate study. Whether you're looking for career advancement, a change in career direction, personal development, or research opportunities we can help you with postgraduate studies to suit your needs. Choose from

- Honours
- Graduate Certificate
- Graduate Diploma
- Masters (Coursework & Research)
- MBA
- PhD

### Coursework Programs

Our flexible postgraduate programs allow you to expand on your existing qualifications or expertise through study in a different field. For non-degree holders, we offer alternative pathways that build on your work experience.

You can choose from a focused, four-subject Graduate Certificate to a 12-subject coursework Masters qualification in

- Accountancy
- Advertising
- Applied Finance
- Arts & Cultural Management
- Banking & Finance
- Business Administration
- Business & Taxation Law
- Commerce
- Economics
- Electronic Business
- Human Resource Management
- Integrated Marketing Communication
- International Business
- Management
- Marketing
- Philanthropy & Nonprofit studies
- Public Management
- Public Relations

### Innovative MBA Programs

We also offer arguably Australia's most innovative MBA, which was recently listed by the prestigious regional business magazine, *Asia Week*, as one of the highest ranking programs in the country.

In 2001, we launched the Executive MBA, an intensive, flexibly delivered program designed for Senior Executives, Managing Directors, COOs, and CEOs that culminates in a ten day study tour to China. And we also introduced double degree options, allowing you to add a Masters of Information Technology or a Masters of Applied Finance to your MBA qualification.

### Extensive Research Opportunities

As well as being highly respected for the quality of our postgraduate coursework teaching, the Faculty also provides extensive research opportunities.

Our research focuses on finding solutions to real-world problems. And, again, we collaborate with industry whenever possible to ensure our research programs stay relevant and timely.

We also offer professional development programs, and contract research and consultancy services. And because we believe in giving something back to the community, our staff - individually and in groups - engage in a wide range of community service activities.

We are a business faculty for the real world.

## SENIOR STAFF

### Faculty Office

*Dean:* Professor Sandra Harding, BSc(Hons) ANU, MPubAdmin Qld, PhD North Carolina State, FAICD, FAIM

*Assistant Dean/Director of Graduate Studies:* Associate Professor Jennifer Radbourne, CertT BA MA PhD Qld, LSDA (Aust), ATCL (Lond)

*Director of Research & Development:* Professor Neal Ryan, BSc MSc MPhil PhD Griff.

*Director of Undergraduate Studies:* Andrew Paltridge, BEc(Hons) Qld MEcSt Qld GradCert(HigherEd) Griff.

*Academic Services Manager:* Ms Margie Cole, BEc Tas CAICD

### Brisbane Graduate School of Business

*Head of School:* Professor Evan Douglas, BCom(Hons) MCom Newcastle, PhD Simon Fraser

*Director of MBA Program:* Dr Caroline Hatcher, BA Qld BED BCAE MA(Hons) CSU PhD QUT

### School of Accountancy

*Head:* Professor P. Little, LLB LLM *Qld*, Barrister-at-Law

*Professor:* Roger Willett, BA(Hons) UEA, PhD *Aberdeen*, FCA (ICAEW)

*Associate Professors:*

P. Best, BCom(Hons) *Qld*, MEngSc *N'cle(NSW)*, PhD *QUT*, FCPA, ICA, MACS

M. McGregor-Lowndes, BA LLB *Qld*, MAdmin., PhD *Griff*, JP, Solicitor of Supreme Court of Queensland and High Court of Australia

### School of Advertising, Marketing and Public Relations

*Head:* Professor Charles Patti, BA, MS, PhD *Ill.*

*Associate Professors:*

G.H. Hearn, BSc, BSc(Hons), PhD *Qld*

J.L. Everett, BA *Michigan*, MA PhD *Colorado*

### School of Economics and Finance

*Head:* Professor Allan Layton, BEcon(Hons) MEcon PhD *Qld*

*Professor:* A.S. Hurn, BCom(Hons) *Natal*, DPhil *Oxon.*

*Associate Professors:*

M.L. Robinson, BA(Hons) *Syd.*, MCom(Econ) *Melb.*, PhD *ANU*

T.J.C. Robinson, BEcon(Hons) PhD *Qld*

### School of Management

*Head:* Professor Boris Kabanoff, BA(Hons) *Qld*, PhD *Flinders*

*Professors:*

R.D. Scott, BA(Hons) DipPubAdmin *Tas.*, DPhil *Oxf.*, FACE

N. Ryan, BSc, MSc MPhil PhD *Griff.*

*Associate Professor:* T. Williams, BA(Hons), MA *Melb.*, PhD *W.Aust.*

### School of International Business

*Head (Acting):* Mr Tom Cronk, BA(Hons) *Qld* MA *Lond* GDBA *QUT*

*Professors:*

W. Renforth, AB *Rollins College*, MBA *Crummer*, MS, MBA *DBA Indiana*

## RESEARCH CENTRES

### Australian Centre for Business Research

The Australian Centre for Business Research, established from 2003, is the single Faculty Research Centre within the Faculty of Business, under which all research activities across the Faculty, is consolidated. The Centre aims to develop a vibrant research community that achieves excellence in targeted areas of business research and supports collaborative, cross-disciplinary and new research to inform and serve business, industry, government and the community.

The Centre currently supports four Large Research Programs, which undertake large scale, high profile research:

- Applied Modelling in Economics and Finance Research Program;
- Service Leadership and Innovation Research Program;
- Work Effectiveness Research Program; and
- Work and Industry Futures Research Program

The Centre supports all postgraduate research study undertaken within the Faculty.

*Director:* Professor Neal Ryan, BSc, MSc, MPhil, PhD *Griff.*

### Centre for Philanthropy and Nonprofit Studies

The Centre for Philanthropy and Nonprofit Studies was established in 2001 as a QUT Collaborative Centre, and aims to bring to the community the benefits of teaching, research, technology and service relevant to philanthropic and nonprofit communities.

The Centre builds on the work of the Program on Nonprofit Corporations (PONC) established in the School of Accountancy within the Faculty of Business in 1991. Between 1991 and 2001, the Program involved various QUT staff in research, consultancy and community service in the areas of law, tax, management, marketing, fundraising and ethics of nonprofit and philanthropic organisations.

*Director:* Professor Myles McGregor-Lowndes, BA, LLB *Qld*, MAdmin, PhD *Griff*, JP, Solicitor of Supreme Court of Queensland and High Court of Australia

## ■ Master of Applied Finance (BS98)

**Award title:** Master of Applied Finance

**CRICOS code:** 027283F

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Jennifer Radbourne

**Discipline coordinator:** Mr Mark Christensen

### Entry requirements

An undergraduate degree from an area other than finance from a recognised tertiary institution, or equivalent qualification. A limited number of places are available for those who have successfully completed a Graduate Certificate in Business with a major in finance, or the equivalent of a postgraduate diploma in finance offered by a professional organisation. Applicants without formal tertiary qualifications but with extensive and/or relevant employment experience may be considered for special entry but will first complete the Graduate Certificate in Business (Finance).

### Course Design

Students must complete twelve units (144 credit points).

Some applicants may require unit substitution where they have studied the equivalent of some introductory units in their undergraduate qualification. Choice of unit substitution will be undertaken in conjunction with and on approval of the Director of Graduate Studies.

### Professional Recognition

Provided a marketing unit is taken as an elective, or has been undertaken in another course, this course meets the educational requirements for Senior Associate status of the Australasian Institute of Banking and Finance - AAIBF(Snr). Graduates may meet the educational requirements for professional membership of the Finance and Treasury Association.

### Course structure - Full-time

#### Year 1, Semester 1

EFN405 Managerial Economics  
EFN406 Managerial Finance  
MGN409 Introduction To Management  
Elective unit

#### Year 1, Semester 2

EFN413 Securities Law  
EFN414 International Finance  
EFN415 Security Analysis  
Elective unit

#### Year 2, Semester 1

BSN404 Project 1  
EFN412 Advanced Managerial Finance  
EFN416 Treasury and Portfolio Management  
EFN505 Financial Risk Management  
Electives may be chosen from available Faculty of Business postgraduate units, subject to approval.

### Course structure - Part-time

#### Year 1, Semester 1

EFN405 Managerial Economics  
EFN406 Managerial Finance

#### Year 1, Semester 2

EFN414 International Finance  
EFN415 Security Analysis

#### Year 2, Semester 1

EFN412 Advanced Managerial Finance  
MGN409 Introduction To Management

#### Year 2, Semester 2

EFN413 Securities Law  
Elective Unit

#### Year 3, Semester 1

EFN505 Financial Risk Management  
Elective Unit

#### Year 3, Semester 2

BSN404 Project 1  
EFN507 Advanced Capital Budgeting  
Or  
EFN416 Treasury and Portfolio Management  
Electives may be chosen from available Faculty of Business postgraduate units, subject to approval.

## ■ Master of Business Administration (Major) (GS38/GS97)

**Award title:** Master of Business Administration (Study Area A)

**Location:** Gardens Point

**Course duration (full-time):** 4 Semesters

**Course duration (part-time):** 8 Semesters. Alternatively, the course may be undertake part-time over a period of up to 6 yrs.

**Total credit points:** 192

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Caroline Ann Hatcher, MBA Director

### Entry Requirements

To be considered for the MBA program an applicant must be proficient in the English language, demonstrated by:

- English as their first language or language of instruction at undergraduate level, or
- TOEFL score of greater than or equal to 575 (or greater than or equal to 230 on the computer based test) or IELTS score of greater than or equal to 6.5, or
- TOEFL score between 550 and 572 (213 and 229 on the computerised tests) or IELTS score between 6.0 and 6.49 and the successful completion of two Business English units through QUT International College.

Admission into the program is based on a points system that considers a range of criteria including management experience, tertiary qualifications and GMAT/or equivalent test score.

For a more detailed explanation of entry requirements go to [www.bgsb.qut.edu.au](http://www.bgsb.qut.edu.au)

### Course Design

The MBA (major) consists of 16 core units of 6 credit points each and further 96 credit points of electives, which may be either 6 or 12 credit point units. This will allow students to amass a major (60 credit points) in a particular study area.

In line with other leading business schools, BGSB offers six credit point units, delivered in seven-week modules giving students the flexibility to commence study at the beginning or mid-point of any semester, offering six different entry points each year.

### Course structure

#### Core Units

GSN401 Managing In The Global Business Environment  
GSN402 Strategic Use Of Information Technology  
GSN403 Understanding Data  
GSN404 Financial Statements Analysis 1  
GSN405 Strategic Management  
GSN406 Human Resource Management Issues  
GSN407 Business Communication  
GSN408 Fundamentals of Marketing Management  
GSN409 Organisational Behaviour 1  
GSN410 Entrepreneurship  
GSN411 Economics Of Strategy 1  
GSN412 Business Law 1  
GSN413 Financial Management 1  
GSN414 Business Conditions Analysis 1  
GSN415 Leadership 1  
GSN416 Business Plans 1

#### MAJORS

##### Accounting

Core Units:  
GSN404 Financial Statements Analysis 1  
Required Units:  
GSN427 Financial Statements Analysis 2



Electives:  
 AYN414 Cost Accounting  
 AYN417 Financial Accounting 2  
 AYN418 Financial Accounting 3  
 AYN424 International Accounting  
 AYN439 Management Accounting  
 AYN443 Electronic Commerce Cycles  
 Students must ensure that prerequisite requirements are fulfilled.

**Economics**

Core Units:  
 GSN411 Economics Of Strategy 1  
 GSN414 Business Conditions Analysis 1  
 Required Units:  
 GSN421 Economics Of Strategy 2  
 GSN424 Business Conditions Analysis 2  
 Electives:  
 GSN451 Contemporary Issues In The International Political Economy  
 GSN453 Economics Of Health & Health Care  
 GSN454 Economics Of Information And E-Commerce  
 GSN454 Economics Of Information And E-Commerce  
 BSN506 Econometric Methods  
 EFN410 Economic And Financial Modelling  
 EFN500 Contemporary Macroeconomic Theories  
 EFN502 Developments In Microeconomic Theories  
 Students undertaking EFN500 and EFN502 would need to have completed the equivalent of a second year undergraduate degree at a recognised University. This would involve completing intermediate undergraduate macro and micro economics at the very least.

**Electronic Business**

Core Units:  
 GSN402 Strategic Use Of Information Technology  
 Required Units:  
 GSN435 Electronic Commerce  
 GSN469 Internet Applications  
 GSN470 E-Business  
 GSN463 Australian E-Communications Policy or  
 GSN464 International E-Communications Policy  
 Electives:  
 GSN447 Strategic Internet Marketing 1  
 GSN448 Strategic Internet Marketing 2  
 GSN454 Economics Of Information And E-Commerce  
 GSN465 Advanced Electronic Commerce  
 GSN466 Technology Infrastructure Management  
 GSN467 Knowledge Management  
 GSN468 Public and Commercial Policy in the ICT Sector  
 GSN471 E-Publishing  
 AYN446 The Law Of E-Commerce  
 AYN448 Management Of Electronic Business Processes  
 ITN260 E-Commerce Site Development  
 ITN272 Information Technology Project Management

**Entrepreneurship**

Core Units:  
 GSN410 Entrepreneurship  
 GSN416 Business Plans 1  
 Required Units:  
 GSN420 New Venture Strategy  
 GSN426 Business Plans 2  
 Electives:  
 GSN429 Marketing Planning  
 GSN430 New Venture Resourcing  
 GSN431 New Venture Growth And Transitions  
 GSN432 New Venture Leadership And HRM  
 GSN434 Venture Capital  
 GSN435 Electronic Commerce  
 GSN447 Strategic Internet Marketing 1  
 GSN448 Strategic Internet Marketing 2  
 GSN460 Creative Problem Solving  
 GSN470 E-Business  
 GSN480 Sustainable Development And Competitive Advantage  
 AMN443 Product And Service Innovation  
 \*GSN405 and GSN420 are incompatible for students enrolled prior to Semester 2, 2002  
 ^GSN405 is a prerequisite for GSN420 for students enrolled from 6TP6, 2002

**Finance**

Core Units:

GSN413 Financial Management 1  
 GSN414 Business Conditions Analysis 1  
 Required Units:  
 GSN423 Financial Management 2  
 Electives:  
 GSN424 Business Conditions Analysis 2  
 GSN430 New Venture Resourcing  
 GSN434 Venture Capital  
 GSN451 Contemporary Issues In The International Political Economy  
 EFN412 Advanced Managerial Finance  
 EFN414 International Finance  
 EFN415 Security Analysis  
 EFN416 Treasury and Portfolio Management  
 EFN417 An Introduction To International Finance  
 EFN506 Advanced International Finance  
 \*Students must ensure that prerequisites are fulfilled.  
 ^GSN405 and GSN420 are incompatible for students enrolled prior to Semester 2, 2002.

**Information Technology Management**

Core Units:  
 GSN402 Strategic Use Of Information Technology  
 Required Units:  
 GSN470 E-Business  
 Electives:  
 ITN211 Systems Analysis And Design  
 ITN215 Management Support Systems  
 ITN220 Major Issues In Information Technology  
 ITN252 Process Engineering  
 ITN255 Knowledge Management  
 ITN272 Information Technology Project Management  
 ITN322 Information Resources  
 ITN330 Information Issues  
 ITN266 Principles Of Information Management  
 ITN412 Technology Of Information Systems  
 ITN510 Data Communications

■ **Master of Business Administration (MBA) (GS30/GS85)**

**Award title:** Master of Business Administration

**CRICOS code:** 003468F

**Location:** Gardens Point

**Course duration (full-time):** 3 Semesters (full time). The course must be completed within a maximum time period of five years

**Course duration (part-time):** 6 Semester (part-time). The course must be completed within a maximum time period of five years.

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Caroline Hatcher, MBA Director

**Entry Requirements**

To be considered for the MBA program an applicant must be proficient in the English language, demonstrated by:

- English as their first language or language of instruction at undergraduate level, or
- TOEFL score of greater than or equal to 575 (or greater than or equal to 230 on the computer based test) or IELTS score of greater than or equal to 6.5, or
- TOEFL score between 550 and 572 (213 and 229 on the computerised tests) or IELTS score between 6.0 and 6.49 and the successful completion of two Business English units through QUT International College.

Admission into the program is based on a points system that considers a range of criteria including management experience, tertiary qualifications and GMAT/or equivalent test score.

For a more detailed explanation of entry requirements go to [www.bgsb.qut.edu.au](http://www.bgsb.qut.edu.au)

**Course Design**

The MBA consists of 16 core units of 6 credit points each and further 48 credit points of electives, which may be either 6 or 12 credit point units.

In line with other leading business schools, BGSB offers six credit point units, delivered in seven-week modules giving students the flexibility to commence study at the beginning or mid-point of any semester, offering six different entry points each year.

**Course structure**

Students must complete the following 16 core units:

- GSN401 Managing In The Global Business Environment
- GSN402 Strategic Use Of Information Technology
- GSN403 Understanding Data
- GSN404 Financial Statements Analysis 1
- GSN405 Strategic Management
- GSN406 Human Resource Management Issues
- GSN407 Business Communication
- GSN408 Fundamentals of Marketing Management
- GSN409 Organisational Behaviour 1
- GSN410 Entrepreneurship
- GSN411 Economics Of Strategy 1
- GSN412 Business Law 1
- GSN413 Financial Management 1
- GSN414 Business Conditions Analysis 1
- GSN415 Leadership 1
- GSN416 Business Plans 1

Plus 48cp of elective units undertaken in a concentration/minor.

**Accounting**

Minor

Core Units:

- GSN404 Financial Statements Analysis 1  
Required Units:
- GSN427 Financial Statement Analysis 2  
Electives (Choose 12cp from the list below)  
Concentration  
Core Units:
- GSN404 Financial Statements Analysis 1  
Required Units:
- GSN427 Financial Statement Analysis 2  
Electives (Choose 24cp from the list below)  
Elective List:
- AYN414 Cost Accounting
- AYN417 Financial Accounting 2
- AYN418 Financial Accounting 3
- AYN424 International Accounting
- AYN439 Management Accounting
- AYN443 Electronic Commerce Cycles

\*Students must ensure prerequisite requirements are fulfilled

**Arts & Cultural Management**

Minor

Electives (Choose 24cp from the list below)

Concentration

Electives (Choose 36cp from the list below)

Elective List:

- GSN225 Business Development In Creative Industries
- GSN226 Arts Policy And Strategy
- GSN228 Marketing Arts And Culture
- GSN227 Arts And Cultural Management
- GSN232 Fundraising Principles

**Business Communication**

Minor

Core Unit:

- GSN407 Business Communication  
Required Unit:
- GSN417 Effective Advocacy For Managers  
Elective (Choose 12cp from the list below)  
Concentration  
Core Unit:
- GSN407 Business Communication  
Required Unit:
- GSN417 Effective Advocacy For Managers  
Elective unit (Choose 24cp from the list below)  
Elective List:
- GSN457 Organisational Communication And Influence
- GSN458 Intercultural Business Communication
- GSN459 Communication Planning For Organisations
- GSN462 Negotiation Strategies
- QCD110 Communication For Business 1
- QCD210 Communication For Business 2

**Corporate Governance**

Minor

Core Units:

- GSN404 Financial Statements Analysis 1
- GSN412 Business Law 1  
Required Units:
- GSN472 Principles of Corporate Governance
- GSN473 Corporate Accountability  
Concentration  
Core Units:
- GSN404 Financial Statements Analysis 1
- GSN412 Business Law 1  
Required Units:
- GSN472 Principles of Corporate Governance
- GSN473 Corporate Accountability  
Electives (Choose 12cp from the list below)  
Elective List:
- GSN405 Strategic Management
- GSN415 Leadership 1
- GSN422 Business Law 2
- GSN427 Financial Statement Analysis 2
- GSN480 Sustainable Development And Competitive Advantage
- GSN224 Corporate Philanthropy
- GSN230 Ethics And Management For Philanthropic And Nonprofit Organisations
- GSN231 Legal And Accounting Issues For PandNP Organisations
- GSN233 Special Topic In Philanthropy And Nonprofit Studies
- AYN412 Company Law

**Economics**

Minor

Core Units:

- GSN411 Economics Of Strategy 1
- GSN414 Business Conditions Analysis 1  
Required Units:
- GSN421 Economics Of Strategy 2
- GSN424 Business Conditions Analysis 2  
Concentration:  
Core Units:
- GSN411 Economics Of Strategy 1
- GSN414 Business Conditions Analysis 1  
Required Units:
- GSN421 Economics Of Strategy 2
- GSN424 Business Conditions Analysis 2  
Electives (Choose 12cp from the list below)  
Elective List:
- GSN451 Contemporary Issues In The International Political Economy
- GSN453 Economics Of Health & Health Care
- GSN454 Economics Of Information And E-Commerce
- BSN506 Econometric Methods
- EFN410 Economic And Financial Modelling
- EFN500 Contemporary Macroeconomic Theories
- EFN502 Developments In Microeconomic Theories  
\*Students undertaking EFN500 and EFN502 would need to have completed the equivalent of a second year undergraduate Economics degree at a recognised university. This would involve completing intermediate undergraduate macro and micro economics at the very least.

**Electronic Business**

Minor

Core Unit:

- GSN402 Strategic Use Of Information Technology  
Required Units:
- GSN435 Electronic Commerce
- GSN470 E-Business  
Elective (Choose 6cp unit from the list below)  
Concentration  
Core Unit:
- GSN402 Strategic Use Of Information Technology  
Required Units:
- GSN435 Electronic Commerce
- GSN469 Internet Applications
- GSN470 E-Business  
Elective (Choose 12cp from the list below)  
Elective List:
- GSN435 Electronic Commerce
- GSN447 Strategic Internet Marketing 1
- GSN448 Strategic Internet Marketing 2
- GSN454 Economics Of Information And E-Commerce
- GSN463 Australian E-Communications Policy

GSN464	International E-Communications Policy	GSN453	Economics Of Health & Health Care
GSN465	Advanced Electronic Commerce	PUN692	Health Care Delivery Systems
GSN466	Technology Infrastructure Management		Concentration
GSN467	Knowledge Management		Core Units:
GSN468	Public and Commercial Policy in the ICT Sector	GSN411	Economics Of Strategy 1
GSN469	Internet Applications		Required Units:
GSN470	E-Business	GSN453	Economics Of Health & Health Care
GSN471	E-Publishing	PUN692	Health Care Delivery Systems
AYN446	The Law Of E-Commerce		Elective (Choose 12cp from the list below)
AYN448	Management Of Electronic Business Processes		Elective List:
ITN260	E-Commerce Site Development	GSN449	Public Sector And Social Marketing 1
ITN272	Information Technology Project Management	GSN450	Public Sector And Social Marketing 2
<b>Entrepreneurship</b>		LWS006	Health, Ethics And The Law
	Minor	PUP415	Occupational Health
	Core Units:	PUN601	Contemporary Health Policies
GSN410	Entrepreneurship	PUN609	Health Care Finance
GSN416	Business Plans 1	PUN610	Health Services Management
	Required Units:	PUN615	Advanced Health Service Management
GSN420	New Venture Strategy	PUN617	Environmental Health Management
	Elective Unit (Choose 6cp from the list below)	<b>Human Resource Management</b>	
	Concentration		Minor
	Core Units:		Core Units:
GSN410	Entrepreneurship	GSN406	Human Resource Management Issues
GSN416	Business Plans 1	GSN409	Organisational Behaviour 1
	Required Units:		Required Units:
GSN420	New Venture Strategy	MGN427	Human Resource Management
GSN426	Business Plans 2		Concentration
	Electives (Choose 12cp from the list below)		Core Units:
	Elective List:	GSN406	Human Resource Management Issues
GSN429	Marketing Planning	GSN409	Organisational Behaviour 1
GSN430	New Venture Resourcing		Required Units:
GSN431	New Venture Growth And Transitions	MGN427	Human Resource Management
GSN432	New Venture Leadership And HRM		Electives (Choose 12cp from the list below)
GSN434	Venture Capital		Elective list:
GSN435	Electronic Commerce	GSN419	Organisational Behaviour 2
GSN447	Strategic Internet Marketing 1	GSN432	New Venture Leadership And HRM
GSN448	Strategic Internet Marketing 2	GSN452	International Human Resource Management
GSN460	Creative Problem Solving	GSN207	Organisational Analysis And Consulting
GSN470	E-Business	MGN421	Strategic HRM
GSN480	Sustainable Development And Competitive Advantage	MGN422	Contemporary Issues and Practices in Employee Relations
AMN443	Product And Service Innovation	<b>Information Technology Management</b>	
	*GSN405 and GSN420 are incompatible for students enrolled prior to Semester 2, 2002.		Minor
	^GSN405 is a prerequisite to GSN420 for students enrolled from 6TP6, 2002.	GSN402	Strategic Use Of Information Technology
			Required Units:
<b>Finance</b>		GSN470	E-Business
	Minor		Elective (Choose 12cp from the list below)
	Core Units:		Concentration
GSN413	Financial Management 1		Core Unit:
GSN414	Business Conditions Analysis 1	GSN402	Strategic Use Of Information Technology
	Required Units:		Required Unit:
GSN423	Financial Management 2	GSN470	E-Business
	Electives (Choose 6cp from the list below)		Electives (Choose 24cp from the list below)
	Concentration		Elective List:
	Core Units:	ITN211	Systems Analysis And Design
GSN413	Financial Management 1	ITN215	Management Support Systems
GSN414	Business Conditions Analysis 1	ITN220	Major Issues In Information Technology
	Required Units:	ITN252	Process Engineering
GSN423	Financial Management 2	ITN255	Knowledge Management
	Elective (Choose 18cp from the list below)	ITN272	Information Technology Project Management
	Elective List:	ITN322	Information Resources
GSN424	Business Conditions Analysis 2	ITN330	Information Issues
GSN430	New Venture Resourcing	ITN266	Principles Of Information Management
GSN434	Venture Capital	ITN412	Technology Of Information Systems
GSN451	Contemporary Issues In The International Political Economy	ITN510	Data Communications
EFN412	Advanced Managerial Finance	<b>International Business</b>	
EFN414	International Finance		Minor
EFN415	Security Analysis		Core Unit:
EFN416	Treasury and Portfolio Management	GSN401	Managing In The Global Business Environment
EFN417	An Introduction To International Finance		Elective (Choose 18cp from the list below)
EFN506	Advanced International Finance		Concentration
	*Students must ensure prerequisite requirements are fulfilled.		Core Unit:
	^GSN405 and GSN420 are incompatible for students enrolled prior to Semester 2, 2002.	GSN401	Managing In The Global Business Environment
			Elective (Choose 30cp from the list below)
<b>Health Services Management</b>			Elective List:
	Minor	GSN428	International Study Tour
	Core Units:	GSN444	Special Topics 1
GSN411	Economics Of Strategy 1	GSN451	Contemporary Issues In The International Political Economy
	Required Units:	GSN452	International Human Resource Management

GSN458 Intercultural Business Communication  
 GSN462 Negotiation Strategies  
 GSN464 International E-Communications Policy  
 AYN424 International Accounting  
 EFN414 International Finance  
 IBN403 Business In Asia  
 IBN404 Business In Europe  
 IBN421 Marketing Internationally  
 IBN435 Business In Australia  
 IBN4XX Negotiating Across Borders  
 IBN4XX Managing International Risk  
 IBN4XX International Logistics and Supply Chain Management  
 MGN404 Managing and Organising Global Firms

**Leadership**

Minor  
 Core Units:  
 GSN407 Business Communication  
 GSN415 Leadership 1  
 Required Units:  
 GSN425 Leadership 2  
 Electives (Choose 6cp from the list below)  
 Concentration  
 Core Units:  
 GSN407 Business Communication  
 GSN415 Leadership 1  
 Required Units:  
 GSN417 Effective Advocacy For Managers  
 GSN425 Leadership 2  
 Electives (Choose 12cp from the list below)  
 Elective List:  
 GSN417 Effective Advocacy For Managers  
 GSN432 New Venture Leadership And HRM  
 GSN456 Personal Development And Ethics For Managers  
 GSN457 Organisational Communication And Influence  
 GSN458 Intercultural Business Communication  
 GSN460 Creative Problem Solving  
 GSN207 Organisational Analysis And Consulting  
 GSN480 Sustainable Development And Competitive Advantage  
 MGN416 Human Factors And The Management Of Change  
 GSN462 Negotiation Strategies

**Marketing**

Minor  
 Core Units:  
 GSN408 Fundamentals of Marketing Management  
 Required Units:  
 GSN418 Marketing Strategy Development  
 Elective (Choose 6cp from the list below)  
 Concentration  
 Core Units:  
 GSN408 Fundamentals of Marketing Management  
 Required Units:  
 GSN418 Marketing Strategy Development  
 Electives (Choose 24cp from the list below)  
 Elective List:  
 GSN429 Marketing Planning  
 GSN447 Strategic Internet Marketing 1  
 GSN448 Strategic Internet Marketing 2  
 GSN449 Public Sector And Social Marketing 1  
 GSN450 Public Sector And Social Marketing 2  
 AMN400 Consumer Behaviour  
 AMN401 Integrated Marketing Communication  
 AMN403 Marketing And Survey Research  
 AMN420 Advertising Management  
 AMN421 Contemporary Issues In Advertising  
 AMN423 Strategies For Creative Advertising  
 AMN461 Corporate Media Strategy And Tactics  
 AMN465 Public Relations Management  
 \*Students must ensure prerequisites are fulfilled.

**Philanthropy and Non-Profit Studies**

Minor  
 Core Units:  
 GSN224 Corporate Philanthropy  
 GSN229 Philanthropic And Nonprofit Governance And Economics  
 Concentration  
 Core Units  
 GSN224 Corporate Philanthropy  
 GSN229 Philanthropic And Nonprofit Governance And Economics  
 Electives (Choose 12cp from the list below)  
 Elective List:

GSN231 Legal And Accounting Issues For PandNP Organisations  
 GSN230 Ethics And Management For Philanthropic And Nonprofit Organisations  
 GSN232 Fundraising Principles  
 GSN233 Special Topic In Philanthropy And Nonprofit Studies

**Strategy**

Minor  
 Core Units:  
 GSN405 Strategic Management  
 GSN411 Economics Of Strategy 1  
 Required Unit:  
 GSN474 Strategy Planning and Development  
 Electives (Choose 6 cp from the list below)  
 Concentration  
 Core Units:  
 GSN405 Strategic Management  
 GSN411 Economics Of Strategy 1  
 Required Unit:  
 GSN474 Strategy Planning and Development  
 Electives (Choose 18 cp from the list below)  
 Elective List:  
 GSN207 Organisational Analysis And Consulting  
 GSN420 New Venture Strategy  
 GSN421 Economics Of Strategy 2  
 GSN426 Business Plans 2  
 GSN431 New Venture Growth And Transitions  
 GSN461 Making Change Work  
 GSN475 Strategic Analysis  
 \*GSN405 and GSN420 are incompatible for students enrolled prior to Semester 2, 2002.  
 ^GSN405 is a prerequisite to GSN420 for students enrolled from 6TP6, 2002.

**■ Master of Business Administration/Master of Applied Finance (BS97)**

**Award title:** Master of Business Administration/Master of Applied Finance

**CRICOS code:** 037552G

**Location:** Gardens Point

**Course duration (full-time):** 5 semesters

**Course duration (part-time):** 10 semesters

**Total credit points:** 240

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Caroline Hatcher for BGSB; Dr Jennifer Radbourne (Director of Graduate Studies)

**Discipline coordinator:** Mr Mark Christensen for School of Economics and Finance

**Entry requirements**

A minimum of an undergraduate degree from a recognised tertiary institution, two years' managerial experience and a GMAT test score of 550 or higher (or equivalent). Individual entry requirements will vary depending on the amount of managerial and related work experience, level of tertiary qualifications and/or GMAT score.

For the Master of Applied Finance component, an undergraduate degree from an area other than finance from a recognised tertiary institution, or equivalent qualification.

To be considered for the MBA program an applicant must be proficient in the English language, demonstrated by:

- English as their first language or language of instruction at undergraduate level, or
- IELTS score of greater than or equal to 6.5, or
- IELTS score between 6.0 and 6.49 and the successful completion of two Business English units through QUT International College.

**Course Design**

The structure of the MBA/MAppFin program is demonstrated in the attached table. Note that this is only one of many paths through the double MBA/MAppFin program, since not all core and elective units are offered every teaching period and students

will need to exercise forward planning, particularly to ensure that they take Finance electives when they are offered and postpone MBA core units to later semesters. Students should seek the advice of BGSB Student Services or the School of Economics and Finance on unit sequencing.

Note that BGSB units are 6 credit points and 7 weeks in duration, some being held during the first half of semester, and others being held during the second half of semester. School of Economics and Finance units are 12 credit points and 13 weeks in duration, being held for the entire duration of semester.

### Professional Recognition

Provided a marketing unit is taken as an elective, or has been undertaken in another course, this course meets the educational requirements for Senior Associate status of the Australasian Institute of Banking and Finance (AAIBF-Snr). Graduates may also meet the educational requirements for professional membership of the Financial and Treasury Association.

### Course structure

#### Semester 1, first half

GSN401 Managing In The Global Business Environment  
 GSN407 Business Communication  
 GSN408 Fundamentals of Marketing Management  
 GSN410 Entrepreneurship

#### Semester 1, second half

GSN404 Financial Statements Analysis 1  
 GSN402 Strategic Use Of Information Technology  
 GSN403 Understanding Data  
 GSN409 Organisational Behaviour 1

#### Semester 2, first half

GSN411 Economics Of Strategy 1  
 GSN405 Strategic Management  
 GSN415 Leadership 1  
 EFN406 Managerial Finance

#### Semester 2, second half

GSN414 Business Conditions Analysis 1  
 GSN406 Human Resource Management Issues  
 GSN416 Business Plans 1  
 Continuation of EFN406

#### Semester 3, first half

EFN412 Advanced Managerial Finance  
 GSN424 Business Conditions Analysis 2  
 MBA elective unit  
 MBA elective unit

#### Semester 3, second half

Continuation of EFN412  
 MBA elective unit  
 MBA elective unit  
 MBA elective unit

#### Semester 4 (both halves)

EFN413 Securities Law  
 EFN414 International Finance  
 EFN415 Security Analysis  
 EFN507 Advanced Capital Budgeting

#### Semester 5 (both halves)

BSN404 Project 1  
 EFN505 Financial Risk Management  
 EFN elective unit  
 EFN elective unit

### MBA Concentrations and Minors

Students are required to undertake 30cp elective units in one or more of the following MBA concentration and/or minor areas other than in Finance.

Concentrations (36 credit points) and minors (24 credit points) are available in the areas listed below:

#### Accounting

Minor  
 Core Units:  
 GSN404 Financial Statements Analysis 1  
 Required Units:  
 GSN427 Financial Statement Analysis 2  
 Electives (Choose 12cp from the list below)  
 Concentration  
 Core Units:  
 GSN404 Financial Statements Analysis 1

Required Units:  
 GSN427 Financial Statement Analysis 2  
 Electives (Choose 24cp from the list below)  
 Elective List:  
 AYN414 Cost Accounting  
 AYN417 Financial Accounting 2  
 AYN418 Financial Accounting 3  
 AYN424 International Accounting  
 AYN439 Management Accounting  
 AYN443 Electronic Commerce Cycles  
 \*Students must ensure prerequisite requirements are fulfilled

#### Arts & Cultural Management

Minor  
 Electives (Choose 24cp from the list below)  
 Concentration  
 Electives (Choose 36cp from the list below)  
 Elective List:  
 GSN225 Business Development In Creative Industries  
 GSN226 Arts Policy And Strategy  
 GSN228 Marketing Arts And Culture  
 GSN227 Arts And Cultural Management  
 GSN232 Fundraising Principles

#### Business Communication

Minor  
 Core Unit:  
 GSN407 Business Communication  
 Required Unit:  
 GSN417 Effective Advocacy For Managers  
 Elective (Choose 12cp from the list below)  
 Concentration  
 Core Unit:  
 GSN407 Business Communication  
 Required Unit:  
 GSN417 Effective Advocacy For Managers  
 Elective unit (Choose 24cp from the list below)  
 Elective List:  
 GSN457 Organisational Communication And Influence  
 GSN458 Intercultural Business Communication  
 GSN459 Communication Planning For Organisations  
 GSN462 Negotiation Strategies  
 QCD110 Communication For Business 1  
 QCD210 Communication For Business 2

#### Corporate Governance

Minor  
 Core Units:  
 GSN404 Financial Statements Analysis 1  
 GSN412 Business Law 1  
 Required Units:  
 GSN472 Principles of Corporate Governance  
 GSN473 Corporate Accountability  
 Concentration  
 Core Units:  
 GSN404 Financial Statements Analysis 1  
 GSN412 Business Law 1  
 Required Units:  
 GSN472 Principles of Corporate Governance  
 GSN473 Corporate Accountability  
 Electives (Choose 12cp from the list below)  
 Elective List:  
 GSN405 Strategic Management  
 GSN415 Leadership 1  
 GSN422 Business Law 2  
 GSN427 Financial Statement Analysis 2  
 GSN480 Sustainable Development And Competitive Advantage  
 GSN224 Corporate Philanthropy  
 GSN230 Ethics And Management For Philanthropic And Nonprofit Organisations  
 GSN231 Legal And Accounting Issues For PandNP Organisations  
 GSN233 Special Topic In Philanthropy And Nonprofit Studies  
 AYN412 Company Law

#### Economics

Minor  
 Core Units:  
 GSN411 Economics Of Strategy 1  
 GSN414 Business Conditions Analysis 1  
 Required Units:  
 GSN421 Economics Of Strategy 2  
 GSN424 Business Conditions Analysis 2  
 Concentration:

Core Units:	GSN460	Creative Problem Solving
GSN411 Economics Of Strategy 1	GSN470	E-Business
GSN414 Business Conditions Analysis 1	GSN480	Sustainable Development And Competitive Advantage
Required Units:	AMN443	Product And Service Innovation
GSN421 Economics Of Strategy 2		*GSN405 and GSN420 are incompatible for students enrolled prior to Semester 2, 2002.
GSN424 Business Conditions Analysis 2		^GSN405 is a prerequisite to GSN420 for students enrolled from 6TP6, 2002.
Electives (Choose 12cp from the list below)		
Elective List:	<b>Finance</b>	
GSN451 Contemporary Issues In The International Political Economy		Minor
GSN453 Economics Of Health & Health Care		Core Units:
GSN454 Economics Of Information And E-Commerce	GSN413	Financial Management 1
BSN506 Econometric Methods	GSN414	Business Conditions Analysis 1
EFN410 Economic And Financial Modelling		Required Units:
EFN500 Contemporary Macroeconomic Theories	GSN423	Financial Management 2
EFN502 Developments In Microeconomic Theories		Electives (Choose 6cp from the list below)
*Students undertaking EFN500 and EFN502 would need to have completed the equivalent of a second year undergraduate Economics degree at a recognised university. This would involve completing intermediate undergraduate macro and micro economics at the very least.		Concentration
		Core Units:
<b>Electronic Business</b>	GSN413	Financial Management 1
Minor	GSN414	Business Conditions Analysis 1
Core Unit:		Required Units:
GSN402 Strategic Use Of Information Technology	GSN423	Financial Management 2
Required Units:		Elective (Choose 18cp from the list below)
GSN435 Electronic Commerce		Elective List:
GSN470 E-Business	GSN424	Business Conditions Analysis 2
Elective (Choose 6cp unit from the list below)	GSN430	New Venture Resourcing
Concentration	GSN434	Venture Capital
Core Unit:	GSN451	Contemporary Issues In The International Political Economy
GSN402 Strategic Use Of Information Technology	EFN412	Advanced Managerial Finance
Required Units:	EFN414	International Finance
GSN435 Electronic Commerce	EFN415	Security Analysis
GSN469 Internet Applications	EFN416	Treasury and Portfolio Management
GSN470 E-Business	EFN417	An Introduction To International Finance
Elective (Choose 12cp from the list below)	EFN506	Advanced International Finance
Elective List:		*Students must ensure prerequisite requirements are fulfilled.
GSN435 Electronic Commerce		^GSN405 and GSN420 are incompatible for students enrolled prior to Semester 2, 2002.
GSN447 Strategic Internet Marketing 1	<b>Health Services Management</b>	
GSN448 Strategic Internet Marketing 2	Minor	
GSN454 Economics Of Information And E-Commerce	Core Units:	
GSN463 Australian E-Communications Policy	GSN411	Economics Of Strategy 1
GSN464 International E-Communications Policy		Required Units:
GSN465 Advanced Electronic Commerce	GSN453	Economics Of Health & Health Care
GSN466 Technology Infrastructure Management	PUN692	Health Care Delivery Systems
GSN467 Knowledge Management		Concentration
GSN468 Public and Commercial Policy in the ICT Sector		Core Units:
GSN469 Internet Applications	GSN411	Economics Of Strategy 1
GSN470 E-Business		Required Units:
GSN471 E-Publishing	GSN453	Economics Of Health & Health Care
AYN446 The Law Of E-Commerce	PUN692	Health Care Delivery Systems
AYN448 Management Of Electronic Business Processes		Elective (Choose 12cp from the list below)
ITN260 E-Commerce Site Development		Elective List:
ITN272 Information Technology Project Management	GSN449	Public Sector And Social Marketing 1
	GSN450	Public Sector And Social Marketing 2
<b>Entrepreneurship</b>	LWS006	Health, Ethics And The Law
Minor	PUP415	Occupational Health
Core Units:	PUN601	Contemporary Health Policies
GSN410 Entrepreneurship	PUN609	Health Care Finance
GSN416 Business Plans 1	PUN610	Health Services Management
Required Units:	PUN615	Advanced Health Service Management
GSN420 New Venture Strategy	PUN617	Environmental Health Management
Elective Unit (Choose 6cp from the list below)		<b>Human Resource Management</b>
Concentration		Minor
Core Units:		Core Units:
GSN410 Entrepreneurship	GSN406	Human Resource Management Issues
GSN416 Business Plans 1	GSN409	Organisational Behaviour 1
Required Units:		Required Units:
GSN420 New Venture Strategy	MGN427	Human Resource Management
GSN426 Business Plans 2		Concentration
Electives (Choose 12cp from the list below)		Core Units:
Elective List:	GSN406	Human Resource Management Issues
GSN429 Marketing Planning	GSN409	Organisational Behaviour 1
GSN430 New Venture Resourcing		Required Units:
GSN431 New Venture Growth And Transitions	MGN427	Human Resource Management
GSN432 New Venture Leadership And HRM		Electives (Choose 12cp from the list below)
GSN434 Venture Capital		Elective list:
GSN435 Electronic Commerce	GSN419	Organisational Behaviour 2
GSN447 Strategic Internet Marketing 1	GSN432	New Venture Leadership And HRM
GSN448 Strategic Internet Marketing 2	GSN452	International Human Resource Management

GSN207	Organisational Analysis And Consulting	GSN480	Sustainable Development And Competitive Advantage
MGN421	Strategic HRM	MGN416	Human Factors And The Management Of Change
MGN422	Contemporary Issues and Practices in Employee Relations	GSN462	Negotiation Strategies
<b>Information Technology Management</b>		<b>Marketing</b>	
	Minor		Minor
	Core Unit:		Core Units:
GSN402	Strategic Use Of Information Technology	GSN408	Fundamentals of Marketing Management
	Required Units:		Required Units:
GSN470	E-Business	GSN418	Marketing Strategy Development
	Elective (Choose 12cp from the list below)		Elective (Choose 6cp from the list below)
	Concentration		Concentration
	Core Unit:		Core Units:
GSN402	Strategic Use Of Information Technology	GSN408	Fundamentals of Marketing Management
	Required Unit:		Required Units:
GSN470	E-Business	GSN418	Marketing Strategy Development
	Electives (Choose 24cp from the list below)		Electives (Choose 24cp from the list below)
	Elective List:		Elective List:
ITN211	Systems Analysis And Design	GSN429	Marketing Planning
ITN215	Management Support Systems	GSN447	Strategic Internet Marketing 1
ITN220	Major Issues In Information Technology	GSN448	Strategic Internet Marketing 2
ITN252	Process Engineering	GSN449	Public Sector And Social Marketing 1
ITN255	Knowledge Management	GSN450	Public Sector And Social Marketing 2
ITN272	Information Technology Project Management	AMN400	Consumer Behaviour
ITN322	Information Resources	AMN401	Integrated Marketing Communication
ITN330	Information Issues	AMN403	Marketing And Survey Research
ITN266	Principles Of Information Management	AMN420	Advertising Management
ITN412	Technology Of Information Systems	AMN421	Contemporary Issues In Advertising
ITN510	Data Communications	AMN423	Strategies For Creative Advertising
		AMN461	Corporate Media Strategy And Tactics
		AMN465	Public Relations Management
<b>International Business</b>		*Students must ensure prerequisites are fulfilled.	
	Minor	<b>Philanthropy and Non-Profit Studies</b>	
	Core Unit:		Minor
GSN401	Managing In The Global Business Environment		Core Units:
	Elective (Choose 18cp from the list below)	GSN224	Corporate Philanthropy
	Concentration	GSN229	Philanthropic And Nonprofit Governance And Economics
	Core Unit:		Concentration
GSN401	Managing In The Global Business Environment		Core Units
	Elective (Choose 30cp from the list below)	GSN224	Corporate Philanthropy
	Elective List:	GSN229	Philanthropic And Nonprofit Governance And Economics
GSN428	International Study Tour		Electives (Choose 12cp from the list below)
GSN444	Special Topics 1		Elective List:
GSN451	Contemporary Issues In The International Political Economy	GSN231	Legal And Accounting Issues For PandNP Organisations
GSN452	International Human Resource Management	GSN230	Ethics And Management For Philanthropic And Nonprofit Organisations
GSN458	Intercultural Business Communication		
GSN462	Negotiation Strategies	GSN232	Fundraising Principles
GSN464	International E-Communications Policy	GSN233	Special Topic In Philanthropy And Nonprofit Studies
AYN424	International Accounting	<b>Strategy</b>	
EFN414	International Finance		Minor
IBN403	Business In Asia		Core Units:
IBN404	Business In Europe	GSN405	Strategic Management
IBN421	International Marketing	GSN411	Economics Of Strategy 1
IBN435	Business In Australia		Required Unit:
IBN4XX	Negotiating Across Borders	GSN474	Strategy Planning & Development
IBN4XX	Managing International Risk		Electives (Choose 6 cp from list below)
IBN4XX	International Logistics and Supply Chain Management		Concentration
MGN404	Managing and Organising Global Firms		Core Units:
<b>Leadership</b>		GSN405	Strategic Management
	Minor	GSN411	Economics Of Strategy 1
	Core Units:		Required Unit:
GSN407	Business Communication	GSN474	Strategy Planning & Development
GSN415	Leadership 1		Electives (Choose 18cp from the list below)
	Required Units:		Elective List:
GSN425	Leadership 2	GSN207	Organisational Analysis And Consulting
	Electives (Choose 6cp from the list below)	GSN420	New Venture Strategy
	Concentration	GSN421	Economics Of Strategy 2
	Core Units:	GSN426	Business Plans 2
GSN407	Business Communication	GSN431	New Venture Growth And Transitions
GSN415	Leadership 1	GSN461	Making Change Work
	Required Units:	GSN475	Strategic Analysis
GSN417	Effective Advocacy For Managers		*GSN405 and GSN420 are incompatible for students enrolled prior to Semester 2, 2002.
GSN425	Leadership 2		^GSN405 is a prerequisite to GSN420 for students enrolled from 6TP6, 2002.
	Electives (Choose 12cp from the list below)		
	Elective List:		
GSN417	Effective Advocacy For Managers		
GSN432	New Venture Leadership And HRM		
GSN456	Personal Development And Ethics For Managers		
GSN457	Organisational Communication And Influence		
GSN458	Intercultural Business Communication		
GSN460	Creative Problem Solving		
GSN207	Organisational Analysis And Consulting		

## ■ Master of Commerce (BS94)

**Award title:** Master of Commerce

**CRICOS code:** 020304G

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Jennifer Radbourne

**Discipline coordinator:** Ms Lynn Gallagher (Accountancy; Business and Taxation Law; Electronic Business). Mr Peter Whelan (Banking and Finance)

### Entry requirements

An undergraduate business degree with a major in accountancy or banking and finance from a recognised tertiary institution.

### Course Design

Students are required to complete 12 units (144 credit points). This may comprise of 12 coursework units, or a combination of coursework units and up to 24 credit points in projects (BSN404 Project 1, BSN405 Project 2 - 12 credit points each) or a 24 credit point research project (BSN409 Research Project). A minimum of ten units (120 credit points) must be selected from the five lists. Up to two postgraduate units (24 credit points) offered within QUT or elsewhere may be selected as electives, subject to the approval of the Discipline Coordinator. Please note that BS89 Master of Business (Professional Accounting) units are not normally available to BS94 students.

Prior approval to undertake any BS89 units must be obtained from the Discipline Coordinator.

### Professional Recognition

Graduates may meet the educational requirements for the professional level membership of the FTA-CFTA (the Finance and Treasury Association Ltd - Certified Finance & Treasury Professional). Graduates require a minimum of four finance, treasury, risk management or investment management units (this may include one accounting and taxation and one finance law unit).

### Exemptions

Once enrolled in this course, students may claim exemptions for specified units completed at QUT or other tertiary institutions. Students enrolled in the postgraduate programs are eligible for exemptions up to a limit of half the scheduled units. Exemptions may be granted for professional year or CA studies completed with the Institute of Chartered Accountants in Australia and CPA studies completed with CPA Australia.

### Projects

Students who choose to complete one or more projects must comply with the following:

- BSN404 and/or BSN405  
Students who elect to undertake one or both of these 12 credit point Project units must identify a supervisor and have a topic approved by the supervisor prior to enrolment in the unit.
- BSN409  
Students who elect to complete the 24 credit point Research Project must complete either BSN506 Econometric Methods or BSN507 Research Methods as a prerequisite to enrolment in BSN409 Research Project. The project should reflect the application of theoretical analysis or problem solving in Accountancy, Banking and Finance, Business and Taxation Law or Electronic Business. Students are advised to seek a topic, and to approach a supervisor, early in their program and to obtain the instruction guide on project presentation. The project topic proposal must be presented at a seminar to Faculty staff in the semester prior to enrolling in the project. The project will be regarded as the equivalent of six formal

contact hours per week (24cp). This unit is studied in one semester.

### Course structure

#### Accountancy Units

AYN413	Computer Auditing
AYN424	International Accounting
AYN430	Managerial Accounting Issues A
AYN432	Public Sector Accounting Issues
AYN433	Special Topic In Accounting A
AYN441	Advanced Auditing
AYN442	Superannuation
AYN505	Accounting Honours - A
AYN506	Accounting Honours - B

#### Banking and Finance Units

EFN401	Advanced Financial Institutions Management
EFN410	Economic And Financial Modelling
EFN416	Treasury and Portfolio Management
EFN500	Contemporary Macroeconomic Theories
EFN501	Corporate And Commercial Lending
EFN502	Developments In Microeconomic Theories
EFN504	Finance Honours
EFN505	Financial Risk Management
EFN506	Advanced International Finance
EFN507	Advanced Capital Budgeting

#### Business and Taxation Law Units

AYN405	Advanced Tax Planning
AYN406	Capital Gains Tax
AYN445	Goods And Services Tax
AYN507	Business Law Honours

#### Electronic Business Units

AYN413	Computer Auditing
AYN446	The Law Of E-Commerce
AYN447	Issues In Electronic Commerce
AYN448	Management Of Electronic Business Processes
AYN449	Enterprise Systems A
AYN450	Enterprise Systems B

#### Research Based Units

BSN506	Econometric Methods OR
BSN507	Research Methods AND
BSN409	Research Project OR
BSN404	Project 1 AND/OR
BSN405	Project 2

A maximum of 24 credit points for projects may be selected

## ■ Master of Entrepreneurship and Innovation (GS25/GS37)

**Award title:** Master of Entrepreneurship and Innovation

**CRICOS code:** 043122A

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters. The course must be completed within a maximum time period of five years.

**Course duration (part-time):** 6 semesters. The course must be completed within a maximum time period of five years.

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Caroline Hatcher

### Entry Requirements

To be considered for the program an applicant must be proficient in the English language, demonstrated by:

- English as their first language or language of instruction at undergraduate level, or
- TOEFL score of greater than or equal to 575 (or greater than or equal to 230 on the computer based test) or IELTS score of greater than or equal to 6.5, or
- TOEFL score between 550 and 572 (213 and 229 on the computerised tests) or IELTS score between 6.0 and 6.49 and the successful completion of two Business English units through QUT International College.



Admission into the program is based on a points system that considers a range of criteria including management experience, tertiary qualifications and GMAT/or equivalent test score.

For a more detailed explanation of entry requirements go to [www.bgsb.qut.edu.au](http://www.bgsb.qut.edu.au)

### Overview

The Entrepreneurship and Innovation courses are designed to equip potential entrepreneurs and corporate entrepreneurs with the necessary knowledge and management and technical skills to successfully commercialise new technology and pursue career success as a manager within the private and/or public sectors within Australia and/or internationally.

The courses combine postgraduate business (MBA) coursework with postgraduate coursework in the field of the new technology that a student wishes to commercialise. Students may enter the program with a new technology in mind, or alternatively they might select a technology to commercialise as they proceed through the program.

### Course Design

Students must complete 11 core and 7 required units, of 6 credit points each from the MBA (Entrepreneurship) program, plus 36 credit points of masters level coursework units in a subject area pertaining to a proposed technology innovation.

Students must obtain approval from the MBA Director before undertaking particular elective units. In all cases students will need to convince the MBA Director that the electives chosen are related to the proposed new venture.

The MBA units require the development of strategic, marketing, and financial plans for a new venture prior to the completion of a formal business plan.

The program is inherently flexible in that units may be taken in a variety of possible sequences, depending on student interest, and availability of the technology units in any given semester. Note that core or elective units may be taken in earlier or later teaching periods (if pre-requisites are respected) to accommodate the schedule of offering for a particular unit/s.

### Advanced Standing

Applicants who have already completed a Masters or Doctoral Degree in their technology area may be awarded up to 36 credit points of prior study upon admission to the Master of Entrepreneurship and Innovation program for relevant postgraduate technology units taken within the past five years.

### Course structure

#### Core Units

GSN401	Managing In The Global Business Environment
GSN402	Strategic Use Of Information Technology
GSN404	Financial Statements Analysis 1
GSN405	Strategic Management
GSN408	Fundamentals of Marketing Management
GSN410	Entrepreneurship
GSN412	Business Law 1
GSN413	Financial Management 1
GSN415	Leadership 1
GSN416	Business Plans 1

#### Required Units

GSN418	Marketing Strategy Development
GSN420	New Venture Strategy
GSN426	Business Plans 2
GSN427	Financial Statement Analysis 2
GSN429	Marketing Planning
GSN430	New Venture Resourcing
GSN460	Creative Problem Solving

#### Elective Units

Students undertake 36 credit points of masters level coursework units in a subject area pertaining to a proposed technology innovation, approved by the Course Coordinator

## ■ Master of Entrepreneurship and Innovation/Master of Business Administration (GS29)

**Location:** Gardens Point

**Course duration (full-time):** 5 semesters. The course must be completed within a maximum time period of seven years.

**Course duration (part-time):** 10 semesters. The course must be completed within a maximum time period of seven years.

**Total credit points:** 240

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Caroline Hatcher

### Entry Requirements

To be considered for the program an applicant must be proficient in the English language, demonstrated by:

- English as their first language or language of instruction at undergraduate level, or
- TOEFL score of greater than or equal to 575 (or greater than or equal to 230 on the computer based test) or IELTS score of greater than or equal to 6.5, or
- TOEFL score between 550 and 572 (213 and 229 on the computerised tests) or IELTS score between 6.0 and 6.49 and the successful completion of two Business English units through QUT International College.

Admission into the program is based on a points system that considers a range of criteria including management experience, tertiary qualifications and GMAT/or equivalent test score.

For a more detailed explanation of entry requirements go to [www.bgsb.qut.edu.au](http://www.bgsb.qut.edu.au)

### Overview

The Entrepreneurship and Innovation courses are designed to equip potential entrepreneurs and corporate intrapreneurs with the necessary knowledge and management and technical skills to successfully commercialise new technology and pursue career success as a manager within the private and/or public sectors within Australia and/or internationally.

The courses combine postgraduate business (MBA) coursework with postgraduate coursework in the field of the new technology that a student wishes to commercialise. Students may enter the program with a new technology in mind, or alternatively they might select a technology to commercialise as they proceed through the program.

### Course Design

Students must complete 16 core and 7 required units, of 6 credit points each from the MBA (Entrepreneurship) program, 36 credit points of masters level coursework units in a subject area pertaining to a proposed technology innovation plus a further 66 credit points of postgraduate business elective units.

Students must obtain approval from the MBA Director before undertaking particular elective units. In all cases students will need to convince the MBA Director that the electives chosen are related to the proposed new venture.

Students may enrol simultaneously or sequentially in the Master of Entrepreneurship and Innovation and the MBA program and complete both awards in a minimum of five semesters full time.

The postgraduate coursework in a technology field may be at the Masters level or higher, depending on the prior degrees already held by the individual.

### Advanced Standing

Applicants who have already completed a Masters or Doctoral Degree in their technology area may be awarded up to 36 credit points of prior study upon admission to the Master of Entrepreneurship and Innovation program for relevant postgraduate technology units taken within the past five years.

**Course structure**

**Core Units**

- GSN401 Managing In The Global Business Environment
- GSN402 Strategic Use Of Information Technology
- GSN403 Understanding Data
- GSN404 Financial Statements Analysis 1
- GSN405 Strategic Management
- GSN406 Human Resource Management Issues
- GSN407 Business Communication
- GSN408 Fundamentals of Marketing Management
- GSN409 Organisational Behaviour 1
- GSN410 Entrepreneurship
- GSN411 Economics Of Strategy 1
- GSN412 Business Law 1
- GSN413 Financial Management 1
- GSN414 Business Conditions Analysis 1
- GSN415 Leadership 1
- GSN416 Business Plans 1

**Required Units**

- GSN418 Marketing Strategy Development
- GSN420 New Venture Strategy
- GSN426 Business Plans 2
- GSN427 Financial Statement Analysis 2
- GSN429 Marketing Planning
- GSN430 New Venture Resourcing
- GSN460 Creative Problem Solving

**Elective Units**

Students undertake 66 credit points of postgraduate business elective units

**Technology Innovation Units**

Students undertake 36 credit points of masters level coursework units in a subject area pertaining to a proposed technology innovation, approved by the Course Coordinator

**Master of International Business (BS66)**

**Award title:** Master of International Business

**Location:** Gardens Point

**Course duration (full-time):** 4 semesters

**Course duration (part-time):** 8 semesters. A full-time component is required.

**Total credit points:** 192

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor Jennifer Radbourne

**Discipline coordinator:** Gary Chittick

**Entry Requirements**

The equivalent of a three year bachelor degree in business with a GPA of 4 or above (on a 7 point scale) OR

The equivalent of a three year bachelor degree in a non-business area with a GPA of 4 or above (on a 7 point scale) with internationally oriented studies relevant to international business or work experience in an international business context, subject to the approval of the course coordinator.

In addition, international students must demonstrate English language proficiency and must meet one of the following:

- IELTS - overall band score of 6.5 with no sub-band score below 6.0
- TOEFL - 575 (paper-based) or 230 (computerised);
- Written documentary evidence that tertiary studies were conducted entirely in English.

**Overview**

The Master of International Business is designed to prepare the globally oriented and internationally capable business professional. It comprises three essential features: a core of units dedicated to developing international knowledge and skills; an international business practicum of 3 to 4 months providing overseas in-country work experience; and electives allowing further study of business disciplines and/or languages. The prolonged experiential learning activities of the international business practicum, of the Master of International Business represent one of the distinguishing features of the new course

explicitly dealing with the development of professional and international business competencies.

Graduates of the Master of International Business have career opportunities and roles in a variety of business settings including multinational enterprises, smaller firms operating across borders, government agencies and consulting firms that serve international companies.

**Course Design**

All students must complete 192 credit points consisting of eight core units (96 credit points) including two and only two regional study units, four elective units (48 credit points) or equivalent of postgraduate studies approved by the Course Coordinator, and an International Business Practicum (48 credit points).

Students are strongly advised to select electives from the same discipline area of study. Students will need to satisfy the prerequisite requirement, if any, of the electives in the discipline areas. Electives may include language, regional studies and project units, with a maximum of twenty-four credit points of project units.

The Course Coordinator may allow an elective to be substituted for a core unit of the Graduate Diploma and Masters programs if the student has successfully completed the equivalent of at least 24 credit points of prior undergraduate study at an intermediate level or above in that core subject area.

**Special pre-requisite conditions for the International Business Practicum (IBP)**

Enrolment in the IBP is subject to the approval of the Course Coordinator. Application and selection procedures apply to internships and field study units. The timing and duration of the IBP may not coincide with the standard teaching semester. The Faculty of Business will provide international business practicum opportunities, but it remains the students responsibility to satisfy the conditions and meet the resource requirements for securing and successfully completing the practicum. There may be additional expenses, visa requirements and risks involved in undertaking the IBP. The IBP will not be available until Semester 1, 2004. It is available only for students who have been enrolled for at least the equivalent of two semesters of full-time study in the MIB prior to undertaking the IBP and who have commenced the process of selection for the IBP at least six months prior to undertaking the IBP.

The Faculty of Business reserves the right to change the format and timing of the International Business Practicum, should conditions require such change.

**Suggested Full-time Course Structure**

**Year 1, Semester 1**

- IBN408 Global Business Operations
- IBN409 Negotiating Across Borders  
Regional Study Unit(s)  
And/or  
Elective Unit

**Year 1, Semester 2**

- EFN417 An Introduction To International Finance
- IBN410 International Logistics Management
- IBN421 Marketing Internationally  
Regional Study Unit  
Or  
Elective Unit

**Year 2, Semester 1**

- International Business Practicum  
(Timing and duration may not coincide with the standard teaching semester)

**Year 2, Semester 2**

- MGN423 Contemporary Strategic Analysis  
Elective Unit  
Or  
Regional Studies Unit  
Elective Unit  
Elective Unit

Note that this is a suggested structure. Students who wish to undertake a different path should seek advice from the School of International Business.

### Suggested Part-time Course structure

#### Year 1, Semester 1

IBN408 Global Business Operations  
 IBN409 Negotiating Across Borders

#### Year 1, Semester 2

EFN417 An Introduction To International Finance  
 IBN410 International Logistics Management

#### Year 2, Semester 1

Regional Study Unit  
 Or  
 Elective Unit

IBN421 Marketing Internationally

#### Year 2, Semester 2

MGN423 Contemporary Strategic Analysis  
 Regional Study Unit  
 Or  
 Elective Unit

#### Year 3, Semester 1

International Business Practicum  
 (Timing and duration may not coincide with the standard teaching semester. A full-time component will be required.)

#### Year 3, Semester 2

Regional Study Unit  
 Elective Unit

#### Year 4, Semester 1

Elective Unit  
 Elective Unit

Note that this is a suggested structure. Students who wish to undertake a different path should seek advice from the School of International Business.

### Regional Study Units

Students choose two units from the following:

IBN403 Business In Asia  
 IBN404 Business In Europe  
 IBN435 Business In Australia

### International Business Practicum

Students choose one of the following:

International Business Internship  
 IBN412 International Business Internship  
 Or

International Field Studies comprising:

IBN411 International Business Field Study  
 And

24 credit points from the following list:

BSN404 Project 1  
 BSN405 Project 2  
 BSN406 Project  
 IBN426 Special Topic - International Business  
 Elective Unit

Note: Special conditions apply for IBN412 and IBN411

## ■ Master of International Business Studies (BS65)

**Award title:** Master of International Business Studies

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor Jennifer Radbourne

**Discipline coordinator:** Mr Gary Chittick

### Entry Requirements

The equivalent of a three year bachelor degree in business with a GPA of 4 or above (on a 7 point scale) OR

The equivalent of a three year bachelor degree in a non-business area with a GPA of 4 or above (on a 7 point scale) with internationally oriented studies relevant to international business

or work experience in an international business context, subject to the approval of the course coordinator.

In addition, international students must demonstrate English language proficiency and must meet one of the following:

- IELTS - overall band score of 6.5 with no sub-band score below 6.0
- TOEFL - 575 (paper-based) or 230 (computerised);
- Written documentary evidence that tertiary studies were conducted entirely in English.

### Overview

The Master of International Business Studies is for students seeking a specialist program in international business knowledge and skills and the opportunity for further language and/or discipline studies including Human Resource Management, Finance, Entrepreneurship, Management, Marketing and Accounting.

Graduates of the Master of International Business Studies have career opportunities and roles in a variety of business settings including multinational enterprises, smaller firms operating across borders, government agencies and consulting firms that serve international companies.

### Course Design

Students must complete 144 credit points of study comprising eight core units (96 credit points), including two and only two regional study units, and four elective units (48 credit points) or equivalent postgraduate studies approved by the Course Coordinator.

Students are strongly advised to select electives from the same discipline area of study. Students will need to satisfy the prerequisite requirement, if any, of the electives in the discipline areas. Electives may include language, regional studies and project units, with a maximum of twenty-four credit points of project units.

The Course Coordinator may allow an elective to be substituted for a core unit of the (BS65) Master of International Business Studies (MIBS) program if the student has successfully completed the equivalent of at least 24 credit points of prior undergraduate study at an intermediate level or above in that core subject area.

### Articulation

Students who have completed no more than 96 credit points of their BS65 Master of International Business Studies (MIBS) may seek approval to articulate into the BS66 Master of International Business and complete the additional core, International Business Practicum\* (IBP) and elective units to meet the requirements of the BS66 Master of International Business (MIB). Articulation may require the student to overload or extend the normal duration of the course to meet the requirements of the BS66 program.

\* Special pre-requisite conditions apply to enrolment in the International Business Practicum (IBP) and this enrolment is subject to the approval of the Course Coordinator. The IBP will not be available until semester 1, 2004. It is available only to students who have been enrolled for at least the equivalent of two semesters of full-time study in the BS65 Master of International Business Studies and who have given notice at least six months prior to the IBP that they are transferring to the BS66 Master of International Business. Students should seek the advice of the Course Coordinator early in their programs about the eligibility and resource requirements of the IBP before changing course.

### Suggested Full-time Course Structure

#### Year 1, Semester 1

IBN408 Global Business Operations  
 IBN421 Marketing Internationally  
 Regional Study Unit(s)  
 And/or  
 Elective Unit

**Year 1, Semester 2**

- EFN417 An Introduction To International Finance
- IBN410 International Logistics Management
- MGN423 Contemporary Strategic Analysis  
Regional Study Unit  
Or  
Elective Unit

**Year 2, Semester 1**

- IBN409 Negotiating Across Borders  
Elective Unit  
Or  
Regional Study Unit  
Elective Unit  
Elective Unit

Note that this is a suggested structure. Students who wish to undertake a different path should seek advice from the School of International Business.

**Suggested Part-time Course Structure**

**Year 1, Semester 1**

- IBN408 Global Business Operations
- IBN421 Marketing Internationally

**Year 1, Semester 2**

- EFN417 An Introduction To International Finance
- IBN410 International Logistics Management

**Year 2, Semester 1**

- Regional Study Unit
- Elective

**Year 2, Semester 2**

- MGN423 Contemporary Strategic Analysis  
Regional Study Unit

**Year 3, Semester 1**

- IBN409 Negotiating Across Borders  
Elective Unit

**Year 3, Semester 2**

- Elective Unit
- Elective Unit

Note that this is a suggested structure. Students who wish to undertake a different path should seek advice from the School of International Business.

**Regional Study Units**

Students choose two units from the following:

- IBN403 Business In Asia
- IBN404 Business In Europe
- IBN435 Business In Australia

**Executive Master of Business Administration (GS98/GS94)**

**Award title:** Master of Business Administration

**Location:** Gardens Point

**Course duration (full-time):** 20.5 months (intensive mode) commencing November 2002 and concluding in July 2004.

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Caroline Hatcher, MBA Director

**Entry Requirements**

Entry will be based on an interview and 2 references one of which is from your current employer, plus the applicant meeting one of the following criteria:

- Applications will be considered from those who hold a Bachelors Degree in any field, and have at least five years relevant business experience and hold senior management positions (or operate their own business)
- Individuals with no degree and at least ten years business experience with demonstrated potential for graduate study in business and who hold senior management positions (or operate their own business), will be considered for special entry.

**Course Design**

Students are required to undertake 16 core units of 6 credit points each and a further 48 credit points of elective units.

The intake for the EMBA is in January and the program runs for 18 months. Classes are scheduled once a month over a Friday to Sunday weekend session, with 20 hours of classes per weekend session each month of the program plus two residential sessions of 10-14 days in January of each year. The intensive block sessions allow the students to schedule some dedicated time to study with minimal interference to their business commitments.

An intensive on-campus session will also be held in the first January. The session will be of 11 days duration and involve 64 contact hours. A second intensive session will be held in the last January and will largely comprise an International Study Tour to one or more Asian countries.

For more information about the EMBA, consult the BGSB web site at [www.bgsb.qut.edu.au/emba.htm](http://www.bgsb.qut.edu.au/emba.htm)

**Overview**

The Executive course is a tailored MBA course offered in an intensive, flexibly delivered format to a cohort of 'executive level' management. The course is designed to equip senior managers with the necessary knowledge, analytical ability and management skills to continue their career success and increase their mobility as a senior executive in Australia and internationally.

**Course structure**

**Core Units**

- GSN401 Managing In The Global Business Environment
- GSN402 Strategic Use Of Information Technology
- GSN403 Understanding Data
- GSN404 Financial Statements Analysis 1
- GSN405 Strategic Management
- GSN406 Human Resource Management Issues
- GSN407 Business Communication
- GSN408 Fundamentals of Marketing Management
- GSN409 Organisational Behaviour 1
- GSN410 Entrepreneurship
- GSN411 Economics Of Strategy 1
- GSN412 Business Law 1
- GSN413 Financial Management 1
- GSN414 Business Conditions Analysis 1
- GSN415 Leadership 1
- GSN416 Business Plans 1

**Students select Elective Units from the list below:**

- GSN418 Marketing Strategy Development
- GSN425 Leadership 2
- GSN435 Electronic Commerce
- GSN444 Special Topics 1
- GSN451 Contemporary Issues In The International Political Economy
- GSN455 Special Topics 3
- GSN445 Special Topics 2
- GSN428 International Study Tour
- GSN460 Creative Problem Solving
- GSN463 Australian E-Communications Policy
- GSN480 Sustainable Development And Competitive Advantage

Students may choose other electives available in the weekday delivery schedule.

Concentration and minors may be attainable through the choice of elective units other than those listed above. Concentrations and minors are listed within the GS30 Master of Business Administration course structure.

**International Master of Business Administration (GS34)**

**Award title:** Master of Business Administration

**Location:** Gardens Point

**Course duration (full-time):** 3 Semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Caroline Ann Hatcher, MBA Director

**Entry Requirements**

The IMBA will be a three-continent MBA offered jointly by BGSB, Aetna School of Management at Shanghai Jiao Tong University (China), and Groupe Ecole Supérieure de Commerce,

Grenoble (France) who are each recognised as ranking amongst the best in their respective countries.

Admission into the program is based on a points system that considers a range of criteria including management experience, tertiary qualification and GMAT/or equivalent test score. To be considered for the International MBA program an applicant must be an Australian Resident.

### Course Design

The IMBA is a three-continent MBA offered jointly by BGSB at QUT, Aetna School of Management at Shanghai Jiao Tong University (China), and Groupe Ecole Superieure de Commerce, Grenoble (France).

Students will study full-time for a semester at each of these Universities taking a planned sequence of core and elective units that satisfies the requirements for graduation from their home university.

### Course structure

#### Unit to be completed at QUT

Core Units

GSN401	Managing In The Global Business Environment
GSN402	Strategic Use Of Information Technology
GSN403	Understanding Data
GSN404	Financial Statements Analysis 1
GSN407	Business Communication
GSN412	Business Law 1
GSN414	Business Conditions Analysis 1
GSN416	Business Plans 1

\*Units that must be completed at QUT due to the country-specific nature of their content.

#### Units to be completed at other universities#:

Core Units:

GSN405	Strategic Management
GSN406	Human Resource Management Issues
GSN408	Fundamentals of Marketing Management
GSN409	Organisational Behaviour 1
GSN410	Entrepreneurship
GSN411	Economics Of Strategy 1
GSN413	Financial Management 1
GSN415	Leadership 1

Elective (24cp of elective units)  
#units are subject to availability in France and China.  
Students may need to complete some of these units at QUT and/or may take the following units in France or China, in order to meet the program requirements.

GSN407	Business Communication
GSN402	Strategic Use Of Information Technology
GSN403	Understanding Data
GSN405	Strategic Management

## ■ Master of Business (Research) - Accountancy (BS92)

**Award title:** Master of Business (Research)

**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters or 2 semesters

**Course duration (part-time):** 6 semesters or 4 semesters

**Total credit points:** 144(if you have no Honours degree) or 96 (if you have an Honours degree and gain exemption for the coursework component)

**Course coordinator:** Professor Neal Ryan, Director of Research and Development

**Discipline coordinator:** Dr Christine Ryan

### Other Disciplines

See also separate entries for all the disciplines in this course: Accountancy, Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing, and Public Relations.

### Entry Requirements

If applicants have an Honours degree, (at level 2B or better) it must be relevant to the chosen discipline for the Master of

Business (Research); or if applicants are entering from a pass degree, their undergraduate degree must include a major in an approved area, plus a grade point average of 5.5 or more on a 7 point scale; or applicants can present a case based on evidence of qualifications that demonstrates the applicants capacity to pursue the course of study.

In addition to assessing qualifications, the Faculty must also be satisfied that adequate supervision and resources are available to support the applicants proposed research.

Research Proposal - the application for admission to the Master of Business (Research) must include details of the proposed research project.

### Overview

Students can pursue advanced studies within their discipline. Students will develop their capacity to conduct rigorous independent research, as well as undertaking advanced coursework that integrates conceptual and practical issues within their discipline.

Students can study within the following school areas: accountancy, advertising, banking and finance, economics, human resource management, international business, management, marketing and public relations.

The Faculty will provide students with up to \$1000 under the Faculties Postgraduate Research Student Support Scheme for approved research-related expenses associated with the preparation of the thesis (including up to \$750 for fieldwork activities and conference attendance). Schools may also provide additional funding assistance and/or opportunities for paid research assistant or tutoring work.

### Course Design

Assessment is essentially based on a program of supervised research and investigation, culminating in production of a thesis. If students have not completed an Honours program, they will have to undertake assessed coursework to support the research and thesis preparation. If applicants have an approved Honours degree, they will normally be exempt from the 48 credit points of coursework. Students may be required to participate in and present seminars if the Principal Supervisor thinks it desirable. The thesis should be either an original contribution to knowledge or an original application of existing knowledge. It will be between 40,000 and 50,000 words long, with an upper limit of 55,000 words. The Master of Business (Research) degree can provide an alternative entry route to the Doctor of Philosophy program. If progress is satisfactory, students can apply to transfer to PhD candidature after a years full-time enrolment in the Research Masters.

### Course structure

#### Compulsory Core Units

AYN433	Special Topic In Accounting A
BSN507	Research Methods

#### Elective Units

The elective unit may be taken from any 12 credit point postgraduate unit offered by the School of Accountancy or other postgraduate unit, subject to the approval of the Subject Area Coordinator.

#### Thesis

BSN600	Thesis
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## ■ Master of Business (Research) - Advertising (BS92)

**Award title:** Master of Business (Research)

**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 Semesters or 2 Semesters

**Course duration (part-time):** 6 Semesters or 4 Semesters

**Total credit points:** 144 credit points (without Honours), 96 credit points (with Honours)

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Professor Neal Ryan, Director of Research and Development

**Discipline coordinator:** Associate Professor James Everett

### Other Disciplines

See also separate entries for all the disciplines in this course: Accountancy, Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing, and Public Relations.

### Entry Requirements

If applicants have an Honours degree, (at level 2B or better) it must be relevant to the chosen discipline for the Master of Business (Research); or if applicants are entering from a pass degree, their undergraduate degree must include a major in an approved area, plus a grade point average of 5.5 or more on a 7 point scale; or applicants can present a case based on evidence of qualifications that demonstrates the applicants capacity to pursue the course of study.

In addition to assessing qualifications, the Faculty must also be satisfied that adequate supervision and resources are available to support the applicants proposed research.

Research Proposal - the application for admission to the Master of Business (Research) must include details of the proposed research project.

### Overview

Students can pursue advanced studies within their discipline. Students will develop their capacity to conduct rigorous independent research, as well as undertaking advanced coursework that integrates conceptual and practical issues within their discipline.

Students can study within the following school areas: accountancy, advertising, banking and finance, economics, human resource management, international business, management, marketing and public relations.

The Faculty will provide students with up to \$1000 under the Faculties Postgraduate Research Student Support Scheme for approved research-related expenses associated with the preparation of the thesis (including up to \$750 for fieldwork activities and conference attendance). Schools may also provide additional funding assistance and/or opportunities for paid research assistant or tutoring work.

### Course Design

Assessment is essentially based on a program of supervised research and investigation, culminating in production of a thesis. If students have not completed an Honours program, they will have to undertake assessed coursework to support the research and thesis preparation. If applicants have an approved Honours degree, they will normally be exempt from the 48 credit points of coursework. Students may be required to participate in and present seminars if the Principal Supervisor thinks it desirable. The thesis should be either an original contribution to knowledge or an original application of existing knowledge. It will be between 40,000 and 50,000 words long, with an upper limit of 55,000 words. The Master of Business (Research) degree can provide an alternative entry route to the Doctor of Philosophy program. If progress is satisfactory, students can apply to transfer

to PhD candidature after a years full-time enrolment in the Research Masters.

### Course Structure

#### Compulsory Core Units

BSN503 Research Seminar

Select One of the Following Units

AMN403 Marketing And Survey Research

BSN412 Qualitative Research And Analytical Techniques

#### Elective Units

The elective units may be selected from any 12 credit point postgraduate unit in the specialisation area (Advertising), subject to the approval of the Subject Area Coordinator

#### Thesis

BSN600 Thesis

## ■ Master of Business (Research) - Banking & Finance (BS92)

**Award title:** Master of Business (Research)

**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters or 2 semesters

**Course duration (part-time):** 6 semesters or 4 semesters

**Total credit points:** 144(if you have no Honours degree) or 96(if you have an Honours degree and gain exemption for the coursework component)

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Professor Neal Ryan, Director of Research and Development

**Discipline coordinator:** Prof Stan Hurn

### Other Disciplines

See also separate entries for all the disciplines in this course: Accountancy, Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing, and Public Relations.

### Entry Requirements

If applicants have an Honours degree, (at level 2B or better) it must be relevant to the chosen discipline for the Master of Business (Research); or if applicants are entering from a pass degree, their undergraduate degree must include a major in an approved area, plus a grade point average of 5.5 or more on a 7 point scale; or applicants can present a case based on evidence of qualifications that demonstrates the applicants capacity to pursue the course of study.

In addition to assessing qualifications, the Faculty must also be satisfied that adequate supervision and resources are available to support the applicants proposed research.

Research Proposal - the application for admission to the Master of Business (Research) must include details of the proposed research project.

### Overview

Students can pursue advanced studies within their discipline. Students will develop their capacity to conduct rigorous independent research, as well as undertaking advanced coursework that integrates conceptual and practical issues within their discipline.

Students can study within the following school areas: accountancy, advertising, banking and finance, economics, human resource management, international business, management, marketing and public relations.

The Faculty will provide students with up to \$1000 under the Faculties Postgraduate Research Student Support Scheme for approved research-related expenses associated with the preparation of the thesis (including up to \$750 for fieldwork activities and conference attendance). Schools may also provide additional funding assistance and/or opportunities for paid research assistant or tutoring work.

### Course Design

Assessment is essentially based on a program of supervised research and investigation, culminating in production of a thesis. If students have not completed an Honours program, they will have to undertake assessed coursework to support the research and thesis preparation. If applicants have an approved Honours degree, they will normally be exempt from the 48 credit points of coursework. Students may be required to participate in and present seminars if the Principal Supervisor thinks it desirable. The thesis should be either an original contribution to knowledge or an original application of existing knowledge. It will be between 40,000 and 50,000 words long, with an upper limit of 55,000 words. The Master of Business (Research) degree can provide an alternative entry route to the Doctor of Philosophy program. If progress is satisfactory, students can apply to transfer to PhD candidature after a years full-time enrolment in the Research Masters.

### Course Structure

#### Compulsory Unit

BSN506 Econometric Methods

#### Units in Banking and Finance

EFN504 Finance Honours

EFN505 Financial Risk Management

#### Elective

The elective unit may be taken from any 12 credit point postgraduate unit offered by the Faculty of Business, subject to the approval of the Subject Area Coordinator

#### Compulsory Thesis

BSN600 Thesis

## ■ Master of Business (Research) - Economics (BS92)

**Award title:** Master of Business (Research)

**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters or 2 semesters

**Course duration (part-time):** 6 semesters or 4 semesters

**Total credit points:** 144(for entry without Honours) or 96 (for entry with Honours)

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Professor Neal Ryan, Director of Research and Development

**Discipline coordinator:** Professor Stan Hurn

### Other Disciplines

See also separate entries for all the disciplines in this course: Accountancy, Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing, and Public Relations.

### Entry Requirements

If applicants have an Honours degree, (at level 2B or better) it must be relevant to the chosen discipline for the Master of Business (Research); or if applicants are entering from a pass degree, their undergraduate degree must include a major in an approved area, plus a grade point average of 5.5 or more on a 7 point scale; or applicants can present a case based on evidence of qualifications that demonstrates the applicants capacity to pursue the course of study.

In addition to assessing qualifications, the Faculty must also be satisfied that adequate supervision and resources are available to support the applicants proposed research.

Research Proposal - the application for admission to the Master of Business (Research) must include details of the proposed research project.

### Overview

Students can pursue advanced studies within their discipline. Students will develop their capacity to conduct rigorous

independent research, as well as undertaking advanced coursework that integrates conceptual and practical issues within their discipline.

Students can study within the following school areas: accountancy, advertising, banking and finance, economics, human resource management, international business, management, marketing and public relations.

The Faculty will provide students with up to \$1000 under the Faculties Postgraduate Research Student Support Scheme for approved research-related expenses associated with the preparation of the thesis (including up to \$750 for fieldwork activities and conference attendance). Schools may also provide additional funding assistance and/or opportunities for paid research assistant or tutoring work.

### Course Design

Assessment is essentially based on a program of supervised research and investigation, culminating in production of a thesis. If students have not completed an Honours program, they will have to undertake assessed coursework to support the research and thesis preparation. If applicants have an approved Honours degree, they will normally be exempt from the 48 credit points of coursework. Students may be required to participate in and present seminars if the Principal Supervisor thinks it desirable. The thesis should be either an original contribution to knowledge or an original application of existing knowledge. It will be between 40,000 and 50,000 words long, with an upper limit of 55,000 words. The Master of Business (Research) degree can provide an alternative entry route to the Doctor of Philosophy program. If progress is satisfactory, students can apply to transfer to PhD candidature after a years full-time enrolment in the Research Masters.

### Course Structure

#### Compulsory Unit

BSN506 Econometric Methods

#### Units in Economics

EFN500 Contemporary Macroeconomic Theories

EFN502 Developments In Microeconomic Theories

#### Elective

The elective unit may be taken from any 12 credit point postgraduate unit offered by the Faculty of Business, subject to the approval of the Subject Area Coordinator

#### Compulsory Thesis

BSN600 Thesis

## ■ Master of Business (Research) - Human Resource Management (BS92)

**Award title:** Master of Business (Research)

**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters or 2 semesters

**Course duration (part-time):** 6 semesters or 4 semesters

**Total credit points:** 144(for entry without Honours) or 96(for entry with Honours)

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Professor Neal Ryan, Director of Research and Development

**Discipline coordinator:** Dr Mark Griffin

### Other Disciplines

See also separate entries for all the disciplines in this course: Accountancy, Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing, and Public Relations.

### Entry Requirements

If applicants have an Honours degree, (at level 2B or better) it must be relevant to the chosen discipline for the Master of Business (Research); or if applicants are entering from a pass

degree, their undergraduate degree must include a major in an approved area, plus a grade point average of 5.5 or more on a 7 point scale; or applicants can present a case based on evidence of qualifications that demonstrates the applicants capacity to pursue the course of study.

In addition to assessing qualifications, the Faculty must also be satisfied that adequate supervision and resources are available to support the applicants proposed research.

Research Proposal - the application for admission to the Master of Business (Research) must include details of the proposed research project.

### Overview

Students can pursue advanced studies within their discipline. Students will develop their capacity to conduct rigorous independent research, as well as undertaking advanced coursework that integrates conceptual and practical issues within their discipline.

Students can study within the following school areas: accountancy, advertising, banking and finance, economics, human resource management, international business, management, marketing and public relations.

The Faculty will provide students with up to \$1000 under the Faculties Postgraduate Research Student Support Scheme for approved research-related expenses associated with the preparation of the thesis (including up to \$750 for fieldwork activities and conference attendance). Schools may also provide additional funding assistance and/or opportunities for paid research assistant or tutoring work.

### Course Design

Assessment is essentially based on a program of supervised research and investigation, culminating in production of a thesis. If students have not completed an Honours program, they will have to undertake assessed coursework to support the research and thesis preparation. If applicants have an approved Honours degree, they will normally be exempt from the 48 credit points of coursework. Students may be required to participate in and present seminars if the Principal Supervisor thinks it desirable. The thesis should be either an original contribution to knowledge or an original application of existing knowledge. It will be between 40,000 and 50,000 words long, with an upper limit of 55,000 words. The Master of Business (Research) degree can provide an alternative entry route to the Doctor of Philosophy program. If progress is satisfactory, students can apply to transfer to PhD candidature after a years full-time enrolment in the Research Masters.

### Course Structure

#### Compulsory Units

Under the umbrella of Human Resources Management, students may be able to undertake a thesis in Employee Relations

BSN502 Research Methodology

BSN503 Research Seminar

#### Two units from your chosen area of study

MGN506 Contemporary Issues in HRM

MGN508 Consulting and Change Management

#### Compulsory Thesis

BSN600 Thesis

## ■ Master of Business (Research) - International Business (BS92)

**Award title:** Master of Business (Research)

**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters or 2 semesters

**Course duration (part-time):** 6 semesters or 4 semesters

**Total credit points:** 144(if you have no Honours degree) or 96(if you have an Honours degree and gain exemption for the coursework component)

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Professor Neal Ryan, Director of Research and Development

**Discipline coordinator:** Dr Marilyn Healy

### Other Disciplines

See also separate entries for all the disciplines in this course: Accountancy, Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing, and Public Relations.

### Entry Requirements

If applicants have an Honours degree, (at level 2B or better) it must be relevant to the chosen discipline for the Master of Business (Research); or if applicants are entering from a pass degree, their undergraduate degree must include a major in an approved area, plus a grade point average of 5.5 or more on a 7 point scale; or applicants can present a case based on evidence of qualifications that demonstrates the applicants capacity to pursue the course of study.

In addition to assessing qualifications, the Faculty must also be satisfied that adequate supervision and resources are available to support the applicants proposed research.

Research Proposal - the application for admission to the Master of Business (Research) must include details of the proposed research project.

### Overview

Students can pursue advanced studies within their discipline. Students will develop their capacity to conduct rigorous independent research, as well as undertaking advanced coursework that integrates conceptual and practical issues within their discipline.

Students can study within the following school areas: accountancy, advertising, banking and finance, economics, human resource management, international business, management, marketing and public relations.

The Faculty will provide students with up to \$1000 under the Faculties Postgraduate Research Student Support Scheme for approved research-related expenses associated with the preparation of the thesis (including up to \$750 for fieldwork activities and conference attendance). Schools may also provide additional funding assistance and/or opportunities for paid research assistant or tutoring work.

### Course Design

Assessment is essentially based on a program of supervised research and investigation, culminating in production of a thesis. If students have not completed an Honours program, they will have to undertake assessed coursework to support the research and thesis preparation. If applicants have an approved Honours degree, they will normally be exempt from the 48 credit points of coursework. Students may be required to participate in and present seminars if the Principal Supervisor thinks it desirable. The thesis should be either an original contribution to knowledge or an original application of existing knowledge. It will be between 40,000 and 50,000 words long, with an upper limit of 55,000 words. The Master of Business (Research) degree can provide an alternative entry route to the Doctor of Philosophy



program. If progress is satisfactory, students can apply to transfer to PhD candidature after a years full-time enrolment in the Research Masters.

### Course Structure

#### Compulsory Units

BSN502 Research Methodology

BSN503 Research Seminar

#### International Business Units

Select two units from area of specialisation, approved by the Subject Area Coordinator

#### Compulsory Thesis

BSN600 Thesis

## ■ Master of Business (Research) - Management (BS92)

**Award title:** Master of Business (Research)

**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters or 2 semesters

**Course duration (part-time):** 6 semesters or 4 semesters

**Total credit points:** 144(for entry without Honours) or 96(for entry with Honours)

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Professor Neal Ryan, Director of Research and Development

**Discipline coordinator:** Professor Robert Waldersee

### Other Disciplines

See also separate entries for all the disciplines in this course: Accountancy, Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing, and Public Relations.

### Entry Requirements

If applicants have an Honours degree, (at level 2B or better) it must be relevant to the chosen discipline for the Master of Business (Research); or if applicants are entering from a pass degree, their undergraduate degree must include a major in an approved area, plus a grade point average of 5.5 or more on a 7 point scale; or applicants can present a case based on evidence of qualifications that demonstrates the applicants capacity to pursue the course of study.

In addition to assessing qualifications, the Faculty must also be satisfied that adequate supervision and resources are available to support the applicants proposed research.

Research Proposal - the application for admission to the Master of Business (Research) must include details of the proposed research project.

### Overview

Students can pursue advanced studies within their discipline. Students will develop their capacity to conduct rigorous independent research, as well as undertaking advanced coursework that integrates conceptual and practical issues within their discipline.

Students can study within the following school areas: accountancy, advertising, banking and finance, economics, human resource management, international business, management, marketing and public relations.

The Faculty will provide students with up to \$1000 under the Faculties Postgraduate Research Student Support Scheme for approved research-related expenses associated with the preparation of the thesis (including up to \$750 for fieldwork activities and conference attendance). Schools may also provide additional funding assistance and/or opportunities for paid research assistant or tutoring work.

### Course Design

Assessment is essentially based on a program of supervised research and investigation, culminating in production of a thesis. If students have not completed an Honours program, they will have to undertake assessed coursework to support the research and thesis preparation. If applicants have an approved Honours degree, they will normally be exempt from the 48 credit points of coursework. Students may be required to participate in and present seminars if the Principal Supervisor thinks it desirable. The thesis should be either an original contribution to knowledge or an original application of existing knowledge. It will be between 40,000 and 50,000 words long, with an upper limit of 55,000 words. The Master of Business (Research) degree can provide an alternative entry route to the Doctor of Philosophy program. If progress is satisfactory, students can apply to transfer to PhD candidature after a years full-time enrolment in the Research Masters.

### Course Structure

#### Compulsory Units

Under the umbrella of Management, students may be able to undertake a thesis in Public Management.

BSN502 Research Methodology

BSN503 Research Seminar

#### Two units from your chosen area of study

MGN501 Readings In Management

MGN507 Contemporary Issues In Management

#### Compulsory Thesis

BSN600 Thesis

## ■ Master of Business (Research) - Marketing (BS92)

**Award title:** Master of Business (Research)

**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters or 2 semesters

**Course duration (part-time):** 6 semesters or 4 semesters

**Total credit points:** 144(entry without Honours) or 96 (entry with Honours)

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Professor Neal Ryan, Director of Research and Development

**Discipline coordinator:** Associate Professor James Everett

### Other Disciplines

See also separate entries for all the disciplines in this course: Accountancy, Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing, and Public Relations.

### Entry Requirements

If applicants have an Honours degree, (at level 2B or better) it must be relevant to the chosen discipline for the Master of Business (Research); or if applicants are entering from a pass degree, their undergraduate degree must include a major in an approved area, plus a grade point average of 5.5 or more on a 7 point scale; or applicants can present a case based on evidence of qualifications that demonstrates the applicants capacity to pursue the course of study.

In addition to assessing qualifications, the Faculty must also be satisfied that adequate supervision and resources are available to support the applicants proposed research.

Research Proposal - the application for admission to the Master of Business (Research) must include details of the proposed research project.

### Overview

Students can pursue advanced studies within their discipline. Students will develop their capacity to conduct rigorous independent research, as well as undertaking advanced

coursework that integrates conceptual and practical issues within their discipline.

Students can study within the following school areas: accountancy, advertising, banking and finance, economics, human resource management, international business, management, marketing and public relations.

The Faculty will provide students with up to \$1000 under the Faculties Postgraduate Research Student Support Scheme for approved research-related expenses associated with the preparation of the thesis (including up to \$750 for fieldwork activities and conference attendance). Schools may also provide additional funding assistance and/or opportunities for paid research assistant or tutoring work.

### Course Design

Assessment is essentially based on a program of supervised research and investigation, culminating in production of a thesis. If students have not completed an Honours program, they will have to undertake assessed coursework to support the research and thesis preparation. If applicants have an approved Honours degree, they will normally be exempt from the 48 credit points of coursework. Students may be required to participate in and present seminars if the Principal Supervisor thinks it desirable. The thesis should be either an original contribution to knowledge or an original application of existing knowledge. It will be between 40,000 and 50,000 words long, with an upper limit of 55,000 words. The Master of Business (Research) degree can provide an alternative entry route to the Doctor of Philosophy program. If progress is satisfactory, students can apply to transfer to PhD candidature after a years full-time enrolment in the Research Masters.

### Course Structure

#### Compulsory Core Units

BSN503 Research Seminar

Select one of the Following units:

AMN403 Marketing And Survey Research

BSN412 Qualitative Research And Analytical Techniques

#### Elective Units

The elective units may be selected from any 12 credit point postgraduate units in the specialisation area (Marketing), subject to the approval of the Subject Area Coordinator

#### Thesis

BSN600 Thesis

## ■ Master of Business (Research) - Public Relations (BS92)

**Award title:** Master of Business (Research)

**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 Semesters or 2 Semesters

**Course duration (part-time):** 6 Semesters or 4 Semesters

**Total credit points:** 144 (if you have no Honours degree) or 96 (if you have an Honours degree and gain exemption for the coursework component)

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Professor Neal Ryan

**Discipline coordinator:** Associate Professor James Everett

### Other Disciplines

See also separate entries for all the disciplines in this course: Accountancy, Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing, and Public Relations.

### Entry Requirements

If applicants have an Honours degree, (at level 2B or better) it must be relevant to the chosen discipline for the Master of Business (Research); or if applicants are entering from a pass degree, their undergraduate degree must include a major in an

approved area, plus a grade point average of 5.5 or more on a 7 point scale; or applicants can present a case based on evidence of qualifications that demonstrates the applicants capacity to pursue the course of study.

In addition to assessing qualifications, the Faculty must also be satisfied that adequate supervision and resources are available to support the applicants proposed research.

Research Proposal - the application for admission to the Master of Business (Research) must include details of the proposed research project.

### Overview

Students can pursue advanced studies within their discipline. Students will develop their capacity to conduct rigorous independent research, as well as undertaking advanced coursework that integrates conceptual and practical issues within their discipline.

Students can study within the following school areas: accountancy, advertising, banking and finance, economics, human resource management, international business, management, marketing and public relations.

The Faculty will provide students with up to \$1000 under the Faculties Postgraduate Research Student Support Scheme for approved research-related expenses associated with the preparation of the thesis (including up to \$750 for fieldwork activities and conference attendance). Schools may also provide additional funding assistance and/or opportunities for paid research assistant or tutoring work.

### Course Design

Assessment is essentially based on a program of supervised research and investigation, culminating in production of a thesis. If students have not completed an Honours program, they will have to undertake assessed coursework to support the research and thesis preparation. If applicants have an approved Honours degree, they will normally be exempt from the 48 credit points of coursework. Students may be required to participate in and present seminars if the Principal Supervisor thinks it desirable. The thesis should be either an original contribution to knowledge or an original application of existing knowledge. It will be between 40,000 and 50,000 words long, with an upper limit of 55,000 words. The Master of Business (Research) degree can provide an alternative entry route to the Doctor of Philosophy program. If progress is satisfactory, students can apply to transfer to PhD candidature after a years full-time enrolment in the Research Masters.

### Course Structure

#### Compulsory Core Units

BSN503 Research Seminar

Select one of the Following Units

AMN403 Marketing And Survey Research

BSN412 Qualitative Research And Analytical Techniques

#### Elective Unit

The elective unit may be taken from any 12 credit point postgraduate units in the specialisation area (Public Relations), subject to the approval of the Subject Area Coordinator.

#### Thesis

BSN600 Thesis

## ■ Master of Business (Advertising) (BS93)

**Award title:** Master of Business (Advertising)

**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 Semesters

**Course duration (part-time):** 6 Semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Jennifer Radbourne

**Discipline coordinator:** Associate Professor James Everett

**Other Majors**

See also separate entries for the following majors in this course: Human Resource Management, Integrated Marketing Communication, International Business, Marketing, Philanthropy and Nonprofit Studies, Public Management, and Public Relations.

**Entry Requirements**

An undergraduate degree (or equivalent qualifications or employment experience in a related field) in advertising.

**Course Design**

All students will undertake eight major core units (96 credit points), a project (24 credit points) and two elective units (24 credit points).

This major may be taken over three semesters full-time (including a summer program) or six semesters part-time (including two summer programs). In principle a student would be able to complete this course in three consecutive semesters, depending on the availability of units.

Students who are enrolled in the BS93 Master of Business who wish to exit early from the course and graduate with a Graduate Diploma in Business, may do so after they have successfully completed eight (8), 12 credit point units, where a minimum of six (6) units are within the same discipline area, approved by the Course Coordinator.

**Advertising (Full-time)**

*Year 1, Semester 1*

- AMN400 Consumer Behaviour
- AMN420 Advertising Management
- AMN422 Media Strategy
- AMN424 Advertising Planning

*Year 1, Semester 2*

- AMN401 Integrated Marketing Communication
  - AMN421 Contemporary Issues In Advertising
  - AMN423 Strategies For Creative Advertising
  - AMN403 Marketing And Survey Research
- OR

- BSN412 Qualitative Research And Analytical Techniques

*Year 1, Summer Program*

- BSN406 Project
- Elective
- Elective

**Advertising (Part-time)**

*Year 1, Semester 1*

- AMN420 Advertising Management
- AMN400 Consumer Behaviour

*Year 1, Semester 2*

- AMN421 Contemporary Issues In Advertising
- AMN423 Strategies For Creative Advertising

*Year 2, Semester 1*

- AMN422 Media Strategy
- AMN424 Advertising Planning

*Year 2, Semester 2*

- AMN401 Integrated Marketing Communication
  - AMN403 Marketing And Survey Research
- OR

- BSN412 Qualitative Research And Analytical Techniques

*Year 3, Semester 1*

- BSN406 Project

*Year 3, Semester 2*

- Elective
- Elective

■ **Master of Business (Human Resource Management) (BS93)**

**Award title:** Master of Business (Human Resource Management)

**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Jennifer Radbourne

**Discipline coordinator:** Dr Michael Christie

**Other Majors**

See also separate entries for the following majors in this course: Advertising, Integrated Marketing Communication, International Business, Marketing, Philanthropy and Nonprofit Studies, Public Management, and Public Relations.

**Entry requirements**

A degree (or equivalent) in Business or Commerce, with an approved HRM major, specialisation or minor, or equivalent study in organisational behaviour, organisational psychology or employee relations or an alternative entry point if you have a business or other relevant degree other than in HRM with at least two years work experience in a related field or articulation from a Graduate Certificate in Business (HRM).

**Course design**

All students will undertake eight compulsory core units (96 credit points) and four elective units (48 credit points), or a project (24 credit points) and two elective units (24 credit points).

This major may be taken over three semesters full-time (including a summer program) or six semesters part-time (including two summer programs). In principle a student would be able to complete this course in three consecutive semesters, depending on the availability of units.

Students who are enrolled in the BS93 Master of Business who wish to exit early from the course and graduate with a Graduate Diploma in Business, may do so after they have successfully completed eight (8), 12 credit point units, where a minimum of six (6) units are within the same discipline area, approved by the Course Coordinator.

**Full-time Course structure**

*Year 1, Semester 1*

- IBN400 Global Industry Analysis
- MGN404 Managing and Organising Global Firms
- MGN505 Consulting and Change Management
- MGN506 Contemporary Issues in HRM

*Year 1, Semester 2*

- MGN421 Strategic HRM
- MGN422 Contemporary Issues and Practices in Employee Relations
- MGN423 Contemporary Strategic Analysis
- MGN424 International Dimensions of HRM

*Year 1 Summer Program*

- Elective
- Elective
- Elective
- Elective

**Part-time Course Structure**

*Year 1, Semester 1*

- MGN404 Managing and Organising Global Firms
- MGN506 Contemporary Issues in HRM

*Year 1, Semester 2*

- MGN422 Contemporary Issues and Practices in Employee Relations
- MGN424 International Dimensions of HRM

*Year 1 Summer Program*

- Elective
- Elective

*Year 2, Semester 1*

- IBN400 Global Industry Analysis
- MGN505 Consulting and Change Management

*Year 2, Semester 2*

- MGN421 Strategic HRM
- MGN423 Contemporary Strategic Analysis

*Year 2 Summer Program*

- Elective
- Elective

## ■ Master of Business (Integrated Marketing Communication) (BS93)

**Award title:** Master of Business (Integrated Marketing Communication)

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor Jennifer Radbourne

**Discipline coordinator:** Associate Professor James Everett

### Other Majors

See also separate entries for the following majors in this course: Advertising, Human Resource Management, International Business, Marketing, Philanthropy and Nonprofit Studies, Public Management, and Public Relations.

### Entry requirements

An undergraduate degree or equivalent in areas such as the humanities, social sciences or preferably business. However, the course coordinator will consider degrees from other discipline areas on a case by case basis.

Students with extensive work experience may be admitted into the Graduate Certificate in Business and after successful completion of this course may articulate into the Master of Business (Integrated Marketing Communication).

### Overview

This course provides students with a systematic and comprehensive understanding of the theory and research integration of marketing communication. The course focuses on refinement of analytical skills and knowledge required for decision making in the areas of advertising, marketing and public relations

IMC focuses on the strategic integration of the functions of public relations, advertising, promotion, direct marketing, and personal selling to achieve brand equity and increase the effectiveness of promotional communications with target audiences.

Upon graduation students will be equipped to confront the fragmentation of mass markets, the explosion of new technologies that give consumers more control over the communication process, the emergence of global markets, and rapid changes in economic conditions within which organisations operate.

### Course Design

All students will undertake six compulsory core units (72 credit points), two specialisation units (24 credit points), two approved elective units (24 credit points), and a 24 credit points Project.

This major may be taken over three semesters full-time (including a summer program) or six semesters part-time (including two summer programs). In principle a student would be able to complete this course in consecutive semesters, depending on the availability of units.

### Articulation

Students who have articulated from the Graduate Certificate in Business may receive block credit for 48 credit points.

### Course structure

#### Year 1, Semester 1

AMN400 Consumer Behaviour  
AMN401 Integrated Marketing Communication  
AMN403 Marketing And Survey Research  
Area Specialisation Unit

#### Year 1, Semester 2

AMN405 Case Studies in Integrated Marketing Communication  
BSN412 Qualitative Research And Analytical Techniques  
AMN404 Readings In Integrated Marketing Communication  
Area Specialisation Unit

#### Year 1, Summer

BSN406 Project  
Elective from list  
Elective from list

### Part-time Course structure

#### Year 1, Semester 1

AMN400 Consumer Behaviour  
AMN401 Integrated Marketing Communication

#### Year 1, Semester 2

Area Specialisation Unit  
AMN403 Marketing And Survey Research  
Year 2, Semester 1  
AMN405 Case Studies in Integrated Marketing Communication  
BSN412 Qualitative Research And Analytical Techniques

#### Year 2, Semester 2

AMN404 Readings In Integrated Marketing Communication  
Area Specialisation Unit

#### Year 3, Semester 2

Elective from list  
Elective from list

#### Year 3, Semester 1

BSN406 Project  
Students who have not completed an undergraduate degree in advertising, marketing or public relations, must complete three area specialisation units and enrol in one elective unit.

### Area Specialisation Units

Two of the following 12 credit point units:

AMN420 Advertising Management  
AMN442 Marketing Management  
AMN465 Public Relations Management

### Electives

Two of the following 12 credit point units:

AMN422 Media Strategy  
AMN423 Strategies For Creative Advertising  
AMN424 Advertising Planning  
AMN443 Product And Service Innovation  
AMN444 Services Marketing  
AMN445 Strategic Marketing Management  
AMN448 Marketing for On-Line Services  
AMN461 Corporate Media Strategy And Tactics  
AMN467 Public Relations Campaigns

## ■ Master of Business (International Business) (BS93)

**Award title:** Master of Business (International Business)

**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Jennifer Radbourne

**Discipline coordinator:** Mr Gary Chittick

### Other Majors

See also separate entries for the following majors in this course: Advertising, Human Resource Management, Integrated Marketing Communication, Marketing, Philanthropy and Nonprofit Studies, Public Management, and Public Relations.

### Entry requirements

An undergraduate degree (or equivalent) with a major in business or commerce, or equivalent study in economics, international relations, international politics and history, languages or cross-cultural communication, as approved by the Course Coordinator with advice from the Subject Area Coordinator. Students without an undergraduate degree may be admitted at the discretion of the Director of Graduate Studies.

### Course Design

All students will undertake eight compulsory core units (96 credit points) and also complete 48 credit points of approved elective units.

The major is designed for possible completion in one calendar year consisting of three teaching periods. Students should note that only elective units are offered during the summer program. Careful planning is necessary to ensure that units are undertaken in an appropriate sequence to ensure timely completion. Part-time students would normally complete the course in six semesters, spread over two or three calendar years, depending on the number of units and semesters undertaken each year.

Students who are enrolled in the BS93 Master of Business who wish to exit early from the course and graduate with a Graduate Diploma in Business, may do so after they have successfully completed eight (8), 12 credit point units, where a minimum of six (6) units are within the same discipline area, approved by the Course Coordinator.

### Full-time Course structure

#### Year 1, Semester 1

IBN400	Global Industry Analysis
IBN408	Global Business Operations
MGN404	Managing and Organising Global Firms Plus one of the following
IBN403	Business In Asia
IBN404	Business In Europe
IBN435	Business In Australia

#### Year 1, Semester 2

EFN417	An Introduction To International Finance
IBN421	Marketing Internationally
MGN423	Contemporary Strategic Analysis
MGN424	International Dimensions of HRM

#### Year 1, Summer Program

Elective  
Elective  
Project(s)/Elective(s)

### Three Semesters, no Summer Program Course structure

#### Year 1, Semester 1

IBN408	Global Business Operations
MGN404	Managing and Organising Global Firms Elective Elective

#### Year 1, Semester 2

EFN417	An Introduction To International Finance
MGN423	Contemporary Strategic Analysis
MGN424	International Dimensions of HRM
IBN421	Marketing Internationally

#### Year 2, Semester 1

IBN400	Global Industry Analysis Project(s)/Elective(s) Plus one of the following
IBN403	Business In Asia
IBN404	Business In Europe
IBN435	Business In Australia

### Part-time Course structure

#### Year 1, Semester 1

IBN408	Global Business Operations
MGN404	Managing and Organising Global Firms

#### Year 1, Semester 2

MGN424	International Dimensions of HRM
IBN421	Marketing Internationally

#### Year 1 Summer Program

Elective

#### Year 2, Semester 1

IBN400	Global Industry Analysis Plus one of the following
IBN403	Business In Asia
IBN404	Business In Europe
IBN435	Business In Australia

#### Year 2, Semester 2

EFN417	An Introduction To International Finance
MGN423	Contemporary Strategic Analysis

### Year 2 Summer Program

Elective

### Year 3, Semester 1

Project(s)/Elective(s)

## ■ Master of Business (Marketing) (BS93)

**Award title:** Master of Business (Marketing)

**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Jennifer Radbourne

**Discipline coordinator:** Assoc. Prof. James Everett

### Other Majors

See also separate entries for the following majors in this course: Advertising, Human Resource Management, Integrated Marketing Communication, International Business, Philanthropy and Nonprofit Studies, Public Management, and Public Relations.

### Entry requirements

An undergraduate degree (or equivalent) with a major in marketing or equivalent professional experience. If applicants have undergraduate study in business, commerce, economics, or another of the social sciences you may be eligible for entry. Applicants without sufficient prior studies in marketing may be required to undertake introductory units in marketing at the graduate level.

### Course Design

All students will undertake eight compulsory core units (96 credit points), a project (24 credit points) and two elective units (24 credit points).

This major may be taken over three semesters full-time (including a summer program) or six semesters part-time (including two summer programs). In principle a student would be able to complete this course in three consecutive semesters, depending on the availability of units.

Students who are enrolled in the BS93 Master of Business who wish to exit early from the course and graduate with a Graduate Diploma in Business, may do so after they have successfully completed eight (8), 12 credit point units, where a minimum of six (6) units are within the same discipline area, approved by the Course Coordinator.

### Course structure

#### Year 1, Semester 1

AMN442	Marketing Management
AMN403	Marketing And Survey Research
AMN443	Product And Service Innovation
AMN444	Services Marketing

#### Year 1, Semester 2

AMN401	Integrated Marketing Communication
AMN400	Consumer Behaviour
AMN445	Strategic Marketing Management
AMN447	Contemporary Issues In Marketing

#### Year 1 Summer Program

BSN406 Project  
Elective  
Elective

### Part-time Course structure

#### Year 1, Semester 1

AMN403	Marketing And Survey Research
AMN442	Marketing Management

#### Year 1, Semester 2

AMN400	Consumer Behaviour
AMN401	Integrated Marketing Communication

#### Year 2, Semester 1

AMN443	Product And Service Innovation
AMN444	Services Marketing

**Year 2, Semester 2**

AMN445 Strategic Marketing Management  
AMN447 Contemporary Issues In Marketing

**Year 3, Semester 1**

BSN406 Project

**Year 3, Semester 2**

Elective  
Elective

■ **Master of Business (Philanthropy & Nonprofit Studies) (BS93)**

**Award title:** Master of Business (Philanthropy & Nonprofit Studies)

**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Jennifer Radbourne

**Discipline coordinator:** Professor Myles McGregor-Lowndes

**Other Majors**

See also separate entries for the following majors in this course: Advertising, Human Resource Management, Integrated Marketing Communication, International Business, Marketing, Public Management, and Public Relations.

**Entry Requirements**

Applicants should hold an undergraduate degree in any field from a recognised tertiary institution or equivalent.

Applicants without a degree or formal qualifications but with extensive and/or relevant work experience will be considered for special entry. Under special entry, each applicant will be individually assessed.

**Course Design**

All students will undertake six compulsory core units (72 credit points), a compulsory project (24 credit points) and 48 credit points of elective units or a project (12 credit points) and three elective units (36 credit points).

Students who are enrolled in the BS93 Master of Business who wish to exit early from the course and graduate with a Graduate Diploma in Business, may do so after they have successfully completed eight (8), 12 credit point units, where a minimum of six (6) units are within the same discipline area, approved by the Course Coordinator.

This major may be taken over three semesters full-time (including a summer program) or six semesters part-time (including two summer programs). In principle a student would be able to complete this course in three consecutive semesters, depending on the availability of units.

**Course structure**

**Year 1, Semester 1**

GSN229 Philanthropic and Nonprofit Governance and Economics  
GSN230 Ethics and Management for Philanthropic and Nonprofit Organisations  
GSN233 Special Topic in Philanthropy and Nonprofit Studies

One of the following units

ANM403 Marketing and Survey Research  
BSN412 Qualitative Research And Analytical Techniques  
BSN506 Econometric Methods  
BSN507 Research Methods

**Year 1, Semester 2**

AMN482 Marketing for the Nonprofit Sector  
GSN231 Legal and Accounting Issues for Philanthropic and Nonprofit Organisations  
GSN232 Fundraising Principles  
GSN224 Corporate Philanthropy

**Year 1 Summer Program or Year 2, Semester 1**

BSN404 Project 1  
or Elective  
BSN406 Project  
BSN406 Project  
Elective

**Part-time Course structure**

**Year 1, Semester 1**

GSN229 Philanthropic and Nonprofit Governance and Economics  
GSN230 Ethics and Management for Philanthropic and Nonprofit Organisations

**Year 1, Semester 2**

AMN482 Marketing for the Nonprofit Sector  
GSN231 Legal and Accounting Issues for Philanthropic and Nonprofit Organisations

**Year 2, Semester 1**

GSN233 Special Topic in Philanthropy & Non Profit Studies  
OR Elective  
One of the following units

AMN403 Marketing And Survey Research  
BSN506 Econometric Methods  
BSN507 Research Methods  
BSN412 Qualitative Research And Analytical Techniques

**Year 2, Semester 2**

GSN232 Fundraising Principles  
GSN224 Corporate Philanthropy

**Year 3, Semester 1**

BSN404 Project 1  
OR Elective  
Elective

**Year 3, Semester 2**

BSN406 Project  
BSN406 Project

■ **Master of Business (Professional Accounting) (BS89)**

**Award title:** Master of Business (Professional Accounting)

**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Jennifer Radbourne

**Discipline coordinator:** Ms Lynn Gallagher

**Entry requirements**

An undergraduate degree in an area other than accounting from a recognised tertiary institution and an appropriate standard of tertiary achievement in quantitative methods/statistics. Applicants who do not meet this requirement will have to complete an additional specified unit (or units). Students with a prior undergraduate degree that included a major in Economics, Finance or Law may be eligible to apply for substitution of units.

**Professional Recognition**

The Master of Business in Professional Accounting, offered by the School of Accountancy, is a conversion course for non-accounting graduates. On completion you will meet the academic requirements for Associate Membership of CPA Australia, for enrolment in the CPA examinations and for enrolment in the CA program of the Institute of Chartered Accountants in Australia.

**Full-time Course structure**

**Year 1, Semester 1**

AYN410 Business Law And Ethics  
AYN416 Financial Accounting 1  
EFN405 Managerial Economics  
EFN406 Managerial Finance

**Year 1, Semester 2**

AYN412 Company Law  
AYN414 Cost Accounting  
AYN417 Financial Accounting 2  
AYN443 Electronic Commerce Cycles

**Year 2, Semester 1**

AYN411 Company Auditing  
 AYN418 Financial Accounting 3  
 AYN438 Taxation Law And Practice  
 AYN439 Management Accounting

**Part-time Course Structure**

**Year 1, Semester 1**

AYN410 Business Law And Ethics  
 AYN416 Financial Accounting 1

**Year 1, Semester 2**

AYN412 Company Law  
 AYN417 Financial Accounting 2

**Year 2, Semester 1**

AYN411 Company Auditing  
 AYN418 Financial Accounting 3

**Year 2, Semester 2**

AYN414 Cost Accounting  
 AYN443 Electronic Commerce Cycles

**Year 3, Semester 1**

AYN438 Taxation Law And Practice  
 AYN439 Management Accounting

**Year 3, Semester 2**

EFN406 Managerial Finance  
 GSN411 Economics Of Strategy 1  
 GSN414 Business Conditions Analysis 1  
 GSN411 and GSN414 combined are deemed equivalent to EFN405.

■ **Master of Business (Public Management) (BS93)**

**Award title:** Master of Business (Public Management)

**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Jennifer Radbourne, Director of Graduate Studies

**Discipline coordinator:** Dr Kerry Brown

**Other Majors**

See also separate entries for the following majors in this course: Advertising, Human Resource Management, Integrated Marketing Communication, International Business, Marketing, Philanthropy and Nonprofit Studies, and Public Relations.

**Entry requirements**

An undergraduate degree (or equivalent) in business or a relevant field, or significant employment experience in the public sector.

**Course Design**

All students will undertake six compulsory core units (72 credit points), two 'core option' units (24 credit points) and 48 credit points of elective units.

This major may be taken over three semesters full-time (including a summer program) or six semesters part-time (including two summer programs). In principle a student would be able to complete this course in three consecutive semesters, depending on the availability of units.

Students who are enrolled in the BS93 Master of Business who wish to exit early from the course and graduate with a Graduate Diploma in Business, may do so after they have successfully completed eight (8), 12 credit point units, where a minimum of six (6) units are within the same discipline area, approved by the Course Coordinator.

**Full-time Course structure**

**Year 1, Semester 1**

MGN402 Government-Business Relations  
 MGN425 The Context Of Public Management  
 MGN517 Program Management And Evaluation

Major Core option or elective unit

**Year 1, Semester 2**

MGN421 Strategic HRM  
 MGN423 Contemporary Strategic Analysis  
 MGN426 International Trends In Public Management  
 Major Core option or elective unit

**Year 2, Semester 1 (or Year 1 Summer Program)**

Major Core option or elective unit  
 Elective  
 Elective  
 Elective

**Part-time Structure**

**Year 1, Semester 1**

MGN402 Government-Business Relations  
 MGN425 The Context Of Public Management

**Year 1, Semester 2**

MGN426 International Trends In Public Management  
 Major Core Option or Elective Unit

**Year 2, Semester 1**

MGN517 Program Management And Evaluation  
 Major Core Option or Elective Unit

**Year 2, Semester 2**

MGN421 Strategic HRM  
 Major Core Option or Elective Unit

**Year 3, Semester 1**

Major Core Option or Elective Unit  
 Elective

**Year 3, Semester 2**

MGN423 Contemporary Strategic Analysis  
 Elective

**Major Core Options Units**

AYN432 Public Sector Accounting Issues  
 EFN405 Managerial Economics  
 LWN088 Government Law, Policy And Practice  
 MGN516 Policy Analysis  
 MGN524 Special Topic In Management 1

■ **Master of Business (Public Relations) (BS93)**

**Award title:** Master of Business (Public Relations)

**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 Semesters

**Course duration (part-time):** 6 Semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Jennifer Radbourne

**Discipline coordinator:** Associate Professor James Everett

**Other Majors**

See also separate entries for the following majors in this course: Advertising, Human Resource Management, Integrated Marketing Communication, International Business, Marketing, Philanthropy and Nonprofit Studies, and Public Management.

**Entry Requirements**

A degree (or equivalent qualifications or employment experience in a related field) in Public Relations.

**Course Design**

All students will undertake eight major core units (96 credit points), a project (24 credit points) and two elective units (24 credit points).

This major may be taken over three semesters full-time (including a summer program) or six semesters part-time (including two summer programs). In principle a student would be able to complete this course in three consecutive semesters, depending on the availability of units.

**Full-time Course Structure**

**Year 1, Semester 1**

AMN465 Public Relations Management

Major core option unit  
Major core option unit  
Major core option unit

**Year 1, Semester 2**

AMN463 Public Opinion And Public Relations  
Major core option unit  
Major core option unit

AMN403 Marketing And Survey Research  
OR

BSN412 Qualitative Research And Analytical Techniques

**Year 1, Summer Program**

AMN466 Corporate Communication Strategy  
BSN406 Project  
Elective

**Part-time Course Structure**

**Year 1, Semester 1**

AMN465 Public Relations Management  
Major core option unit

**Year 1, Semester 2**

Major core option unit  
AMN463 Public Opinion And Public Relations

**Year 2, Semester 1**

Major core option unit  
AMN403 Marketing And Survey Research  
OR

BSN412 Qualitative Research And Analytical Techniques

**Year 2, Semester 2**

Major core option unit  
Major core option unit

**Year 3, Semester 1**

Major core option unit  
Elective

**Year 3, Semester 2**

BSN406 Project

**Major Core Option Units**

AMN460 Corporate And Investor Relations  
AMN461 Corporate Media Strategy And Tactics  
AMN464 Public Communication  
AMN466 Corporate Communication Strategy  
AMN467 Public Relations Campaigns  
AMN468 Issues And Crisis Management

**■ Graduate Diploma in Advanced Accounting (BS70)**

**Award title:** Graduate Diploma in Advanced Accounting

**CRICOS code:** 003481J

**Location:** Gardens Point

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Jennifer Radbourne, Director of Graduate Studies

**Discipline coordinator:** Associate Professor Peter Best

**Entry requirements**

An undergraduate business degree with an appropriate major in accountancy from a recognised tertiary institution.

Students without a knowledge of Australian professional standards and legislation should contact the Discipline Coordinator to devise a suitable study program prior to enrolment.

**Exemptions**

Once enrolled in this course, students may claim exemptions from specified units completed at QUT or other tertiary institutions. Students enrolled in the postgraduate programs are eligible for exemptions up to a limit of half of the scheduled units. Exemptions may be granted for Professional Year or CA studies completed with the Institute of Chartered Accountants in Australia and CPA studies completed with CPA Australia.

**Course Design**

Students must complete eight units (96 credit points total). A minimum of six units must be selected from the accountancy, banking and finance, business and taxation law, and electronic business lists. Students can select units from any list or choose to specialise in a particular field of study. Up to two postgraduate units may be selected as electives, subject to the approval of the Discipline Coordinator. Please note that BS89 Master of Business (Professional Accounting) units are not normally available to BS70 students.

Prior approval to undertake any BS89 units must be obtained from the Major Coordinator.

**Articulation**

Units completed in the Graduate Diploma may be counted towards BS94 Master of Commerce, subject to approval by the Course Coordinator.

**Unit Lists**

**Accountancy**

AYN413 Computer Auditing  
AYN424 International Accounting  
AYN430 Managerial Accounting Issues A  
AYN432 Public Sector Accounting Issues  
AYN433 Special Topic In Accounting A  
AYN441 Advanced Auditing  
AYN442 Superannuation  
AYN505 Accounting Honours - A  
AYN506 Accounting Honours - B

**Banking and Finance**

EFN401 Advanced Financial Institutions Management  
EFN410 Economic And Financial Modelling  
EFN416 Treasury and Portfolio Management  
EFN500 Contemporary Macroeconomic Theories  
EFN501 Corporate And Commercial Lending  
EFN502 Developments In Microeconomic Theories  
EFN504 Finance Honours  
EFN505 Financial Risk Management  
EFN506 Advanced International Finance  
EFN507 Advanced Capital Budgeting

**Business and Taxation Law**

AYN405 Advanced Tax Planning  
AYN406 Capital Gains Tax  
AYN445 Goods And Services Tax  
AYN507 Business Law Honours

**Electronic Business**

AYN413 Computer Auditing  
AYN446 The Law Of E-Commerce  
AYN447 Issues In Electronic Commerce  
AYN448 Management Of Electronic Business Processes  
AYN449 Enterprise Systems A  
AYN450 Enterprise Systems B

**■ Graduate Diploma in Applied Finance (BS96)**

**Award title:** Graduate Diploma in Applied Finance

**CRICOS code:** 027282G

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Jennifer Radbourne

**Discipline coordinator:** Mr Mark Christensen

**Entry requirements**

An undergraduate degree in an area other than Finance or applicants without a degree or formal qualification but with extensive and/or relevant work experience will be considered for special entry. A number of places will also be available to applicants who have successfully completed either a Graduate Certificate in Business (Finance) at QUT; or the equivalent of



post-graduate diploma studies in finance offered by a professional association. (Available part-time only. Semester one or two entry)

### Course Design

Students must complete eight units (96 credit points).

Some applicants may require unit substitution where they have studied the equivalent of some introductory units in their undergraduate qualification. Choice of unit substitution will be undertaken in conjunction with and on approval of the Director of Graduate Studies.

### Professional Recognition

Provided the student has an undergraduate degree, and a marketing unit is taken as the elective, or has been undertaken in another course, this course meets the educational requirements for Senior Associate status of the Australasian Institute of Banking and Finance - AAIBF (Snr). If the student does not have an undergraduate degree, and a marketing unit is taken as the elective, or has been undertaken in another course, this course meets the educational requirements for Associate status of the Australasian Institute of Banking and Finance (AAIBF).

### Part-time Course Structure

#### Semester 1

EFN406 Managerial Finance  
EFN405 Managerial Economics

#### Semester 2

EFN414 International Finance  
EFN415 Security Analysis

#### Semester 3

EFN412 Advanced Managerial Finance  
MGN409 Introduction To Management

#### Semester 4

EFN413 Securities Law  
Elective Unit  
The elective may be chosen from available postgraduate units offered by the Faculty, subject to approval

## ■ Graduate Diploma in Entrepreneurship and Innovation (GS36)

**Location:** Gardens Point

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Caroline Hatcher

### Entry Requirements

To be considered for the program an applicant must be proficient in the English language, demonstrated by:

- English as their first language or language of instruction at undergraduate level, or
- TOEFL score of greater than or equal to 575 (or greater than or equal to 230 on the computer based test) or IELTS score of greater than or equal to 6.5, or
- TOEFL score between 550 and 572 (213 and 229 on the computerised tests) or IELTS score between 6.0 and 6.49 and the successful completion of two Business English units through QUT International College.

Admission into the program is based on a points system that considers a range of criteria including management experience, tertiary qualifications and GMAT/or equivalent test score.

For a more detailed explanation of entry requirements go to [www.bgsb.qut.edu.au](http://www.bgsb.qut.edu.au)

### Overview

The Entrepreneurship and Innovation courses are designed to equip potential entrepreneurs and corporate entrepreneurs with the necessary knowledge and management and technical skills to successfully commercialise new technology and pursue career

success as a manager within the private and/or public sectors within Australia and/or internationally.

The courses combine postgraduate business (MBA) coursework with postgraduate coursework in the field of the new technology that a student wishes to commercialise. Students may enter the program with a new technology in mind, or alternatively they might select a technology to commercialise as they proceed through the program.

This program would culminate in the production by the student of both a marketing plan and a funding plan for the exploitation of the new technology.

### Course Design

Students must complete 8 core and 6 required units, of 6 credit points each from the MBA (Entrepreneurship) program plus 12 credit points of masters level course work units in a subject area pertaining to a proposed technology innovation.

Students who complete the Graduate Diploma may be eligible to articulate into the Master of Entrepreneurship and Innovation. Alternatively, students may exit the Master of Entrepreneurship and Innovation program with the Graduate Diploma award providing they have satisfied the credit requirements with no more than 12 credit points with grade of 3 within their 96 credit points.

### Course structure

#### Core Units

GSN401 Managing In The Global Business Environment  
GSN402 Strategic Use Of Information Technology  
GSN405 Strategic Management  
GSN408 Fundamentals of Marketing Management  
GSN410 Entrepreneurship  
GSN416 Business Plans 1  
GSN420 New Venture Strategy  
GSN460 Creative Problem Solving

#### Required Units

GSN404 Financial Statements Analysis 1  
GSN413 Financial Management 1  
GSN418 Marketing Strategy Development  
GSN426 Business Plans 2  
GSN429 Marketing Planning  
GSN430 New Venture Resourcing

#### Technology Innovation Units

Students undertake 12 credit points of masters level coursework units in a subject area pertaining to a proposed technology innovation, approved by the Course Coordinator

## ■ Graduate Diploma in International Business (BS64)

**Award title:** Graduate Diploma in International Business

**Location:** Gardens Point

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor Jennifer Radbourne

**Discipline coordinator:** Mr Gary Chittick

### Entry Requirements

The equivalent of a three year bachelor degree in business with a GPA of 4 or above (on a 7 point scale) OR

The equivalent of a three year bachelor degree in a non-business area with a GPA of 4 or above (on a 7 point scale) with internationally oriented studies relevant to international business or work experience in an international business context, subject to the approval of the course coordinator.

In addition, international students must demonstrate English language proficiency and must meet one of the following:

- IELTS - overall band score of 6.5 with no sub-band score below 6.0

- TOEFL - 575 (paper-based) or 230 (computerised);
- Written documentary evidence that tertiary studies were conducted entirely in English.

### Overview

The Graduate Diploma of International Business is a program for students who wish to understand the additional complexity of international business compared to purely domestic business. The program is ideal for students who feel they do not need outcomes afforded by further discipline studies or direct international work experience.

### Course Design

Students must complete 96 credit points of study comprising six core units (72 credit points), including one regional study unit, and two elective units (24 credit points) or equivalent of postgraduate studies, approved by the Course Coordinator.

The Course Coordinator may allow an elective to be substituted for a core unit of the BS64 Graduate Diploma of International Business program if the student has successfully completed the equivalent of at least 24 credit points of prior undergraduate study at an intermediate level or above in that core subject area.

### Articulation

Students who complete successfully the Graduate Diploma of International Business may seek approval to articulate into the BS65 Master of International Business Studies (MIBS) and complete the additional core and elective units to meet the MIBS course requirements. They may seek approval to articulate into the BS66 Master of International Business (MIB) and to complete the additional core, International Business Practicum\* and elective units to meet the requirements of the BS66 Master of International Business (MIB). Articulation may require the student to overload or extend the normal duration of the course to meet the requirements of the BS65 and BS66 programs.

\* Special pre-requisite conditions apply to enrolment in the international business practicum and enrolment is subject to approval of the Course Coordinator. The International Business Practicum (IBP) will not be available until semester 1, 2004. It is available only to students who will have been enrolled for at least the equivalent of two semesters of full-time study in the Graduate Diploma of International Business prior to undertaking the IBP and who have given notice at least six months prior to the IBP that they are transferring to the BS66 Master of International Business. Students should seek the advice of the Course Coordinator early in the program about the eligibility and resource requirements of the IBP before considering changing courses.

### Course structure

#### Core Units

Students choose any five of the following units:

EFN417	An Introduction To International Finance
IBN408	Global Business Operations
IBN421	Marketing Internationally
IBN409	Negotiating Across Borders
IBN410	International Logistics Management
MGN423	Contemporary Strategic Analysis

#### Regional Study Units

Students choose one of the following units:

IBN403	Business In Asia
IBN404	Business In Europe
IBN435	Business In Australia

#### Elective Units

Elective Unit  
Elective Unit

## ■ Graduate Diploma in Philanthropy & Nonprofit Studies (BS95)

**Award title:** Graduate Diploma in Philanthropy & Nonprofit Studies

**Location:** Gardens Point

**Course duration (full-time):** 2 Semesters

**Course duration (part-time):** 4 Semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Jennifer Radbourne

**Discipline coordinator:** Professor Myles McGregor-Lowndes

### Entry Requirements

An undergraduate degree from a recognised tertiary institution. Applicants without a degree or formal qualifications but with extensive and/or relevant work experience may be considered for special entry. Under special entry each applicant will be individually assessed.

### Modes of Study

The course is offered part-time over four semesters. Initially on-campus delivery, moving towards on-line teaching/delivery with a face-to-face component in February each year.

### Course Design

Students must complete eight units (96 credit points). Some applicants may require unit substitution where they have studies the equivalent of some introductory units in their undergraduate qualification. Choice of unit substitution will be undertaken in conjunction with and on the approval of the Director of Graduate Studies.

### Full-time Course Structure

#### Year 1, Semester 1

GSN229	Philanthropic and Nonprofit Governance and Economics
GSN230	Ethics and Management for Philanthropic and Nonprofit Organisations
GSN233	Special Topic in Philanthropy and Nonprofit Studies Or Elective One of the following:
AMN403	Marketing And Survey Research
BSN506	Econometric Methods
BSN507	Research Methods
BSN412	Qualitative Research And Analytical Techniques

#### Year 1, Semester 2

AMN482	Marketing for the Nonprofit Sector
GSN231	Legal and Accounting Issues for Philanthropic and Non Profit Organisations
GSN232	Fundraising Principles
GSN224	Corporate Philanthropy

### Part-time Course Structure

#### Year 1, Semester 1

GSN229	Philanthropic and Nonprofit Governance and Economics
GSN230	Ethics and Management for Philanthropic and Nonprofit Organisations

#### Year 1, Semester 2

GSN231	Legal and Accounting Issues for Philanthropic and Nonprofit Organisations
AMN482	Marketing for the Nonprofit Sector

#### Year 2, Semester 1

GSN233	Special Topic in Philanthropy and Nonprofit Studies Or Elective One of the following units:
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AMN403	Marketing And Survey Research
BSN412	Qualitative Research And Analytical Techniques
BSN506	Econometric Methods
BSN507	Research Methods

#### Year 2, Semester 2

GSN232	Fundraising Principles
GSN224	Corporate Philanthropy

## ■ Graduate Diploma in Public Relations (BS72)

**Award title:** Graduate Diploma in Public Relations

**CRICOS code:** 009035E

**Location:** Gardens Point

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Jennifer Radbourne, Director of Graduate Studies

**Discipline coordinator:** Associate Professor Jim Everett

### Overview

This course is designed for graduate with no formal qualifications in Public Relations, who wish to add postgraduate Public Relations qualifications to their credentials.

Students must complete eight units (96 credit points total).

### Articulation

Students who enrol in the Graduate Diploma in Public Relations can articulate into BS93 Master of Business (Public Relations) or (Integrated Marketing Communication - subject to approval).

Students who have completed this course structure would need to undertake a further 48 credit points of specified units in order to gain a Master of Business.

### Course structure

AMN461 Corporate Media Strategy And Tactics

AMN463 Public Opinion And Public Relations

AMN465 Public Relations Management

Elective (Any approved School of Advertising, Marketing and Public Relations postgraduate unit)  
Plus any four of the following units:

AMN460 Corporate And Investor Relations

AMN464 Public Communication

AMN467 Public Relations Campaigns

AMN468 Issues And Crisis Management

Elective (Any approved School of Advertising, Marketing and Public Relations postgraduate unit)

## ■ Graduate Diploma of Business Administration (GS31/GS86)

**Award title:** Graduate Diploma of Business Administration

**CRICOS code:** 002621K

**Location:** Gardens Point

**Course duration (full-time):** 2 Semesters. The course must be completed within a maximum time period of five years

**Course duration (part-time):** 4 Semester. The course must be completed within a maximum time period of five years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Caroline Ann Hatcher, MBA Director

### Entry Requirements

To be considered for the Graduate Diploma program an applicant must be proficient in the English language, demonstrated by:

- English as their first language or language of instruction at undergraduate level, or
- TOEFL score of greater than or equal to 575 (or greater than or equal to 230 on the computer based test) or IELTS score of greater than or equal to 6.5, or
- TOEFL score between 550 and 572 (213 and 229 on the computerised tests) or IELTS score between 6.0 and 6.49 and the successful completion of two Business English units through QUT International College.

Admission into the program is based on a points system that considers a range of criteria including management experience, tertiary qualifications and GMAT/or equivalent test score.

For a more detailed explanation of entry requirements go to [www.bgsb.qut.edu.au](http://www.bgsb.qut.edu.au)

### Course Design

The Graduate Diploma of Business Administration is effectively two-thirds of the Masters of Business Administration (MBA) course and students who complete the Graduate Diploma may be eligible to articulate to the MBA.

The Graduate Diploma consists of a minimum of 12 units of 6 credit points each from the MBA core and no more than 24 credit points of electives, which may be either 6 or 12 credit point units.

In line with other leading business schools, BGSB offers six credit point units, delivered in seven-week modules giving students the flexibility to commence study at the beginning or mid-point of any semester, offering six different entry points each year.

### Course structure

Students must complete a minimum 12 of the following 16 units, with the remaining being electives or core units not yet completed:

GSN401 Managing In The Global Business Environment

GSN402 Strategic Use Of Information Technology

GSN403 Understanding Data

GSN404 Financial Statements Analysis 1

GSN405 Strategic Management

GSN406 Human Resource Management Issues

GSN407 Business Communication

GSN408 Fundamentals of Marketing Management

GSN409 Organisational Behaviour 1

GSN410 Entrepreneurship

GSN411 Economics Of Strategy 1

GSN412 Business Law 1

GSN413 Financial Management 1

GSN414 Business Conditions Analysis 1

GSN415 Leadership 1

GSN416 Business Plans 1

Plus 48cp of elective units undertaken in a concentration/minor.

### Accounting

Minor

Core Units:

GSN404 Financial Statements Analysis 1

Required Units:

GSN427 Financial Statement Analysis 2

Electives (Choose 12cp from the list below)

Concentration

Core Units:

GSN404 Financial Statements Analysis 1

GSN427 Financial Statement Analysis 2

Required Units:

Electives (Choose 24cp from the list below)

Elective List:

AYN414 Cost Accounting

AYN417 Financial Accounting 2

AYN418 Financial Accounting 3

AYN424 International Accounting

AYN439 Management Accounting

AYN443 Electronic Commerce Cycles

\*Students must ensure prerequisite requirements are fulfilled

### Arts & Cultural Management

Minor

Electives (Choose 24cp from the list below)

Concentration

Electives (Choose 36cp from the list below)

Elective List:

GSN225 Business Development In Creative Industries

GSN226 Arts Policy And Strategy

GSN228 Marketing Arts And Culture

GSN227 Arts And Cultural Management

GSN232 Fundraising Principles

### Business Communication

Minor

Core Unit:

GSN407 Business Communication

Required Unit:

GSN417 Effective Advocacy For Managers

Elective (Choose 12cp from the list below)

	Concentration		
	Core Unit:	GSN402	Core Unit: Strategic Use Of Information Technology
GSN407	Business Communication		Required Units:
	Required Unit:	GSN435	Electronic Commerce
GSN417	Effective Advocacy For Managers	GSN469	Internet Applications
	Elective unit (Choose 24cp from the list below)	GSN470	E-Business
	Elective List:		Elective (Choose 12cp from the list below)
GSN457	Organisational Communication And Influence		Elective List:
GSN458	Intercultural Business Communication	GSN435	Electronic Commerce
GSN459	Communication Planning For Organisations	GSN447	Strategic Internet Marketing 1
GSN462	Negotiation Strategies	GSN448	Strategic Internet Marketing 2
QCD110	Communication For Business 1	GSN454	Economics Of Information And E-Commerce
QCD210	Communication For Business 2	GSN463	Australian E-Communications Policy
	<b>Corporate Governance</b>	GSN464	International E-Communications Policy
	Minor	GSN465	Advanced Electronic Commerce
	Core Units:	GSN466	Technology Infrastructure Management
GSN404	Financial Statements Analysis 1	GSN467	Knowledge Management
GSN412	Business Law 1	GSN468	Public and Commercial Policy in the ICT Sector
	Required Units:	GSN469	Internet Applications
GSN472	Principles of Corporate Governance	GSN470	E-Business
GSN473	Corporate Accountability	GSN471	E-Publishing
	Concentration	AYN446	The Law Of E-Commerce
	Core Units:	AYN448	Management Of Electronic Business Processes
GSN404	Financial Statements Analysis 1	ITN260	E-Commerce Site Development
GSN412	Business Law 1	ITN272	Information Technology Project Management
	Required Units:		<b>Entrepreneurship</b>
GSN472	Principles of Corporate Governance		Minor
GSN473	Corporate Accountability		Core Units:
	Electives (Choose 12cp from the list below)	GSN410	Entrepreneurship
	Elective List:	GSN416	Business Plans 1
GSN405	Strategic Management		Required Units:
GSN415	Leadership 1	GSN420	New Venture Strategy
GSN422	Business Law 2		Elective Unit (Choose 6cp from the list below)
GSN427	Financial Statement Analysis 2		Concentration
GSN480	Sustainable Development And Competitive Advantage		Core Units:
GSN224	Corporate Philanthropy	GSN410	Entrepreneurship
GSN230	Ethics And Management For Philanthropic And Nonprofit Organisations	GSN416	Business Plans 1
			Required Units:
GSN231	Legal And Accounting Issues For PandNP Organisations	GSN420	New Venture Strategy
GSN233	Special Topic In Philanthropy And Nonprofit Studies	GSN426	Business Plans 2
AYN412	Company Law		Electives (Choose 12cp from the list below)
	<b>Economics</b>		Elective List:
	Minor	GSN429	Marketing Planning
	Core Units:	GSN430	New Venture Resourcing
GSN411	Economics Of Strategy 1	GSN431	New Venture Growth And Transitions
GSN414	Business Conditions Analysis 1	GSN432	New Venture Leadership And HRM
	Required Units:	GSN434	Venture Capital
GSN421	Economics Of Strategy 2	GSN435	Electronic Commerce
GSN424	Business Conditions Analysis 2	GSN447	Strategic Internet Marketing 1
	Concentration:	GSN448	Strategic Internet Marketing 2
	Core Units:	GSN460	Creative Problem Solving
GSN411	Economics Of Strategy 1	GSN470	E-Business
GSN414	Business Conditions Analysis 1	GSN480	Sustainable Development And Competitive Advantage
	Required Units:	AMN443	Product And Service Innovation
GSN421	Economics Of Strategy 2		*GSN405 and GSN420 are incompatible for students enrolled prior to Semester 2, 2002.
GSN424	Business Conditions Analysis 2		^GSN405 is a prerequisite to GSN420 for students enrolled from 6TP6, 2002.
	Electives (Choose 12cp from the list below)		
	Elective List:		<b>Finance</b>
GSN451	Contemporary Issues In The International Political Economy		Minor
GSN453	Economics Of Health & Health Care		Core Units:
GSN454	Economics Of Information And E-Commerce	GSN413	Financial Management 1
BSN506	Econometric Methods	GSN414	Business Conditions Analysis 1
EFN410	Economic And Financial Modelling		Required Units:
EFN500	Contemporary Macroeconomic Theories	GSN423	Financial Management 2
EFN502	Developments In Microeconomic Theories		Electives (Choose 6cp from the list below)
	*Students undertaking EFN500 and EFN502 would need to have completed the equivalent of a second year undergraduate Economics degree at a recognised university. This would involve completing intermediate undergraduate macro and micro economics at the very least.		Concentration
			Core Units:
	<b>Electronic Business</b>	GSN413	Financial Management 1
	Minor	GSN414	Business Conditions Analysis 1
	Core Unit:		Required Units:
GSN402	Strategic Use Of Information Technology	GSN423	Financial Management 2
	Required Units:		Elective (Choose 18cp from the list below)
GSN435	Electronic Commerce		Elective List:
GSN470	E-Business	GSN424	Business Conditions Analysis 2
	Elective (Choose 6cp unit from the list below)	GSN430	New Venture Resourcing
	Concentration	GSN434	Venture Capital
		GSN451	Contemporary Issues In The International Political Economy
		EFN412	Advanced Managerial Finance

EFN414 International Finance  
 EFN415 Security Analysis  
 EFN416 Treasury and Portfolio Management  
 EFN417 An Introduction To International Finance  
 EFN506 Advanced International Finance  
 \*Students must ensure prerequisite requirements are fulfilled.  
 ^GSN405 and GSN420 are incompatible for students enrolled prior to Semester 2, 2002.

**Health Services Management**

Minor  
 Core Units:  
 GSN411 Economics Of Strategy 1  
 Required Units:  
 GSN453 Economics Of Health & Health Care  
 PUN692 Health Care Delivery Systems  
 Concentration  
 Core Units:  
 GSN411 Economics Of Strategy 1  
 Required Units:  
 GSN453 Economics Of Health & Health Care  
 PUN692 Health Care Delivery Systems  
 Elective (Choose 12cp from the list below)  
 Elective List:  
 GSN449 Public Sector And Social Marketing 1  
 GSN450 Public Sector And Social Marketing 2  
 LWS006 Health, Ethics And The Law  
 PUP415 Occupational Health  
 PUN601 Contemporary Health Policies  
 PUN609 Health Care Finance  
 PUN610 Health Services Management  
 PUN615 Advanced Health Service Management  
 PUN617 Environmental Health Management

**Human Resource Management**

Minor  
 Core Units:  
 GSN406 Human Resource Management Issues  
 GSN409 Organisational Behaviour 1  
 Required Units:  
 MGN427 Human Resource Management  
 Concentration  
 Core Units:  
 GSN406 Human Resource Management Issues  
 GSN409 Organisational Behaviour 1  
 Required Units:  
 MGN427 Human Resource Management  
 Electives (Choose 12cp from the list below)  
 Elective list:  
 GSN419 Organisational Behaviour 2  
 GSN432 New Venture Leadership And HRM  
 GSN452 International Human Resource Management  
 GSN207 Organisational Analysis And Consulting  
 MGN421 Strategic HRM  
 MGN422 Contemporary Issues and Practices in Employee Relations

**Information Technology Management**

Minor  
 Core Unit:  
 GSN402 Strategic Use Of Information Technology  
 Required Units:  
 GSN470 E-Business  
 Elective (Choose 12cp from the list below)  
 Concentration  
 Core Unit:  
 GSN402 Strategic Use Of Information Technology  
 Required Unit:  
 GSN470 E-Business  
 Electives (Choose 24cp from the list below)  
 Elective List:  
 ITN211 Systems Analysis And Design  
 ITN215 Management Support Systems  
 ITN220 Major Issues In Information Technology  
 ITN252 Process Engineering  
 ITN255 Knowledge Management  
 ITN272 Information Technology Project Management  
 ITN322 Information Resources  
 ITN330 Information Issues  
 ITN266 Principles Of Information Management  
 ITN412 Technology Of Information Systems  
 ITN510 Data Communications

**International Business**

Minor  
 Core Unit:  
 GSN401 Managing In The Global Business Environment  
 Elective (Choose 18cp from the list below)  
 Concentration  
 Core Unit:  
 GSN401 Managing In The Global Business Environment  
 Elective (Choose 30cp from the list below)  
 Elective List:  
 GSN428 International Study Tour  
 GSN444 Special Topics 1  
 GSN451 Contemporary Issues In The International Political Economy  
 GSN452 International Human Resource Management  
 GSN458 Intercultural Business Communication  
 GSN462 Negotiation Strategies  
 GSN464 International E-Communications Policy  
 AYN424 International Accounting  
 EFN414 International Finance  
 IBN403 Business In Asia  
 IBN404 Business In Europe  
 IBN421 Marketing Internationally  
 IBN435 Business In Australia  
 IBN4XX Negotiating Across Borders  
 IBN4XX Managing International Risk  
 IBN4XX International Logistics and Supply Chain Management  
 MGN404 Managing and Organising Global Firms

**Leadership**

Minor  
 Core Units:  
 GSN407 Business Communication  
 GSN415 Leadership 1  
 Required Units:  
 GSN425 Leadership 2  
 Electives (Choose 6cp from the list below)  
 Concentration  
 Core Units:  
 GSN407 Business Communication  
 GSN415 Leadership 1  
 Required Units:  
 GSN417 Effective Advocacy For Managers  
 GSN425 Leadership 2  
 Electives (Choose 12cp from the list below)  
 Elective List:  
 GSN417 Effective Advocacy For Managers  
 GSN432 New Venture Leadership And HRM  
 GSN456 Personal Development And Ethics For Managers  
 GSN457 Organisational Communication And Influence  
 GSN458 Intercultural Business Communication  
 GSN460 Creative Problem Solving  
 GSN207 Organisational Analysis And Consulting  
 GSN480 Sustainable Development And Competitive Advantage  
 MGN416 Human Factors And The Management Of Change  
 GSN462 Negotiation Strategies

**Marketing**

Minor  
 Core Units:  
 GSN408 Fundamentals of Marketing Management  
 Required Units:  
 GSN418 Marketing Strategy Development  
 Elective (Choose 6cp from the list below)  
 Concentration  
 Core Units:  
 GSN408 Fundamentals of Marketing Management  
 Required Units:  
 GSN418 Marketing Strategy Development  
 Electives (Choose 24cp from the list below)  
 Elective List:  
 GSN429 Marketing Planning  
 GSN447 Strategic Internet Marketing 1  
 GSN448 Strategic Internet Marketing 2  
 GSN449 Public Sector And Social Marketing 1  
 GSN450 Public Sector And Social Marketing 2  
 AMN400 Consumer Behaviour  
 AMN401 Integrated Marketing Communication  
 AMN403 Marketing And Survey Research  
 AMN420 Advertising Management  
 AMN421 Contemporary Issues In Advertising  
 AMN423 Strategies For Creative Advertising

AMN461	Corporate Media Strategy And Tactics
AMN465	Public Relations Management
	*Students must ensure prerequisites are fulfilled.
<b>Philanthropy and Non-Profit Studies</b>	
	Minor
	Core Units:
GSN224	Corporate Philanthropy
GSN229	Philanthropic And Nonprofit Governance And Economics Concentration
	Core Units
GSN224	Corporate Philanthropy
GSN229	Philanthropic And Nonprofit Governance And Economics Electives (Choose 12cp from the list below)
	Elective List:
GSN231	Legal And Accounting Issues For PandNP Organisations
GSN230	Ethics And Management For Philanthropic And Nonprofit Organisations
GSN232	Fundraising Principles
GSN233	Special Topic In Philanthropy And Nonprofit Studies
<b>Strategy</b>	
	Minor
	Core Units:
GSN405	Strategic Management
GSN411	Economics Of Strategy 1
	Required Unit:
GSN474	Strategy Planning and Development
	Electives (Choose 6 cp from the list below)
	Concentration
GSN405	Strategic Management
GSN411	Economics Of Strategy 1
	Required Unit:
GSN474	Strategy Planning and Development
	Electives (Choose 18cp from the list below)
	Elective List:
GSN207	Organisational Analysis And Consulting
GSN420	New Venture Strategy
GSN421	Economics Of Strategy 2
GSN426	Business Plans 2
GSN431	New Venture Growth And Transitions
GSN461	Making Change Work
GSN475	Strategic Analysis
	*GSN405 and GSN420 are incompatible for students enrolled prior to Semester 2, 2002.

## ■ Graduate Certificate in Business (BS39)

**Award title:** Graduate Certificate in Business

**CRICOS code:** 031769E

**Location:** Gardens Point

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Jennifer Radbourne

### Entry requirements

Note: Specialisations in Administration and Finance are not available full-time.

An appropriate undergraduate degree from a recognised tertiary institution. Special entry without a degree but with professional and employment experience may be granted.

- Advertising - An undergraduate degree from a recognised institution in another area other than Advertising.
- Arts & Cultural Management - An undergraduate degree. Semester one or two entry, full time and part time.
- Finance - An undergraduate degree in an area other than Finance. Semester one or two entry only, full time and part time.
- Human Resource Management - An undergraduate degree with a major in Human Resource Management, or approved equivalent study in Organisational Psychology or Organisational Behaviour. Semester one or two entry, full time and part time.

- Integrated Marketing Communication - An undergraduate degree from a recognised institution in an area other than Integrated Marketing Communication. Semester one or two entry, full time and part time.
- International Business - An undergraduate degree with a major in Business or Commerce, or approved equivalent study in International Relations, International Politics, History, Languages, or Cross-Cultural Communication. Semester one or two entry, full time and part time.
- Marketing - An undergraduate degree in an area other than Marketing. Semester one or two entry, full time and part time.
- Philanthropy and Nonprofit Studies - An undergraduate degree in any field. Semester one or two entry, full time and part time.
- Professional Accounting - An undergraduate business degree from a recognised tertiary institution with an appropriate major in Accountancy. This course assumes a knowledge of Australian Business Law, Company Law, Tax Law, and Accounting, and Auditing Standards. Semester one, entry full time. Semester two entry, part time.
- Public Management - An undergraduate degree in Business, or a degree in another area combined with significant public sector employment experience. If you have no degree but significant public sector employment experience, then special entry may be granted. Semester one and two entry, full time and part time.
- Public Relations - An undergraduate degree from a recognised institution in an area other than Public Relations. Semester one or two entry, full time and part time.

### Articulation

With the approval of the relevant Subject Area Coordinator, in conjunction with and approval of the Course Coordinator, students may articulate from the Graduate Certificate in Business to one of the following courses, depending on the specialisation undertaken. Students will have to meet the entry requirements and/or the prerequisites for further study:

- BS96 Graduate Diploma in Applied Finance or BS98 Master of Applied Finance - for students completing the Graduate Certificate in Business (Finance).
- BS93 Master of Business (Advertising) - for students completing the Graduate Certificate in Business (Advertising).
- BS93 Master of Business (Marketing) - for students completing the Graduate Certificate in Business (Marketing).
- BS93 Master of Business (Public Relations) or BS72 Graduate Diploma in Public Relations - for students completing the Graduate Certificate in Business (Public Relations).
- BS93 Master of Business (Advertising) or BS93 Master of Business (Marketing) or BS93 Master of Business (Public Relations) or BS72 Graduate Diploma in Public Relations - for students completing the Graduate Certificate in Business (Integrated Marketing Communication).
- BS93 Master of Business (Human Resource Management) - for students completing the Graduate Certificate in Business (Human Resource Management).
- BS93 Master of Business (Integrated Marketing Communication) - for students completing the Graduate Certificate in Business (Integrated Marketing Communication). (Subject to approval).
- BS93 Master of Business (International Business) - for students completing the Graduate Certificate in Business (International Business).
- BS93 Master of Business (Philanthropy & Nonprofit Studies) or BS95 Graduate Diploma in Philanthropy & Nonprofit Studies - for students completing the Graduate Certificate in Business (Philanthropy & Nonprofit Studies).
- BS93 Master of Business (Public Management) - for students completing the Graduate Certificate in Business (Public Management).

- BS98 Master of Applied Finance - for students completing the Graduate Certificate in Business (Finance).
- IF02 Graduate Diploma in Creative Industries (Arts & Cultural Management) - for students completing the Graduate Certificate in Business (Arts & Cultural Management).
- GS20 Master of Business Administration (MBA) or GS21 Graduate Diploma in Business Administration - for students completing the Graduate Certificate in Business, provided students have a minimum of two years' relevant work experience.

In addition, the Graduate Certificate in Business may articulate to GS21 Graduate Diploma in Business Administration or GS20 Master of Business Administration, provided students have a minimum of two years' relevant work experience.

### Course Design

Graduate Certificates consist of 48 credit points of units, where students undertake the Professional Accounting specialisation consisting of four units.

### Course structure

#### Advertising

Subject Area Coordinator: Associate Professor James Everett

- AMN400 Consumer Behaviour
- AMN421 Contemporary Issues In Advertising
- AMN423 Strategies For Creative Advertising Elective

#### Arts and Cultural Management

Subject Area Coordinator: Dr Jennifer Radbourne

- GSN226 Arts Policy And Strategy
- GSN227 Arts And Cultural Management
- GSN228 Marketing Arts And Culture Approved Elective
- GSN232 Fundraising Principles
- GSN225 Business Development In Creative Industries

#### Finance

Subject Area Coordinator: Mr Mark Christensen

- EFN406 Managerial Finance Plus any three of the following units:
- EFN405 Managerial Economics
- EFN412 Advanced Managerial Finance
- EFN413 Securities Law
- EFN414 International Finance
- EFN415 Security Analysis
- EFN416 Treasury and Portfolio Management
- EFN505 Financial Risk Management
- EFN507 Advanced Capital Budgeting Finance Elective Unit Finance Elective Unit

#### Human Resource Management

Subject Area Coordinator: Dr Michael Christie

Any four of the following units:

- MGN404 Managing and Organising Global Firms
- MGN421 Strategic HRM
- MGN422 Contemporary Issues and Practices in Employee Relations
- MGN424 International Dimensions of HRM
- MGN427 Human Resource Management
- MGN505 Consulting and Change Management
- MGN506 Contemporary Issues in HRM

Or other units approved by the Subject Area Coordinator

#### Integrated Marketing Communication (Subject to approval)

Subject Area Coordinator: Associate Professor James Everett

- AMN400 Consumer Behaviour
- AMN401 Integrated Marketing Communication Plus any two of the following units:
- AMN420 Advertising Management
- AMN442 Marketing Management
- AMN465 Public Relations Management

#### International Business

Subject Area Coordinator: Mr Gary Chittick

- IBN408 Global Business Operations
- MGN404 Managing and Organising Global Firms Plus any two of the following units:
- IBN400 Global Industry Analysis
- IBN403 Business In Asia
- IBN404 Business In Europe

- IBN435 Business In Australia
- MGN424 International Dimensions of HRM
- IBN421 Marketing Internationally

#### Marketing

Subject Area Coordinator: Associate Professor James Everett

- AMN400 Consumer Behaviour
- AMN403 Marketing And Survey Research
- AMN442 Marketing Management Elective

#### Philanthropy and Nonprofit Studies

Subject Area Coordinator: Associate Professor Myles

McGregor-Lowndes

- GSN229 Philanthropic And Nonprofit Governance And Economics
- GSN230 Ethics And Management For Philanthropic And Nonprofit Organisations
- GSN231 Legal And Accounting Issues For PandNP Organisations Plus one of the following units:
- AMN482 Marketing For The Nonprofit Sector
- GSN232 Fundraising Principles

#### Professional Accounting

Subject Area Coordinator: Associate Professor Peter Best

- AYN412 Company Law
- AYN418 Financial Accounting 3
- AYN438 Taxation Law And Practice Plus one of the following units:
- AYN443 Electronic Commerce Cycles

Unit approved by the Subject Area Coordinator

#### Public Management

Subject Area Coordinator: Dr Kerry Brown

- MGN425 The Context Of Public Management Or
- MGN426 International Trends In Public Management Plus three units from
- MGN402 Government-Business Relations
- MGN421 Strategic HRM
- MGN425 The Context Of Public Management
- MGN426 International Trends In Public Management
- MGN516 Policy Analysis
- MGN517 Program Management And Evaluation
- MGN524 Special Topic In Management 1

Or other units approved by the Subject Area Coordinator

#### Public Relations

Subject Area Coordinator: Associate Professor James Everett

- AMN461 Corporate Media Strategy And Tactics
- AMN465 Public Relations Management
- AMN46x Public Relations Elective Elective

## ■ Graduate Certificate in Business (Professional Accounting) (BS38)

**Award title:** Graduate Certificate in Business

**Course duration (full-time):** 1 Semester. The course must be completed within a maximum time period.

**Course duration (part-time):** 2 Semesters. The course must be completed within a maximum time period of two years.

**Course coordinator:** Dr Jennifer Radbourne

**Discipline coordinator:** Ms Lynn Gallagher

### Entry requirements

Note: Specialisations in Administration and Finance are not available full-time.

An appropriate undergraduate degree from a recognised tertiary institution. Special entry without a degree but with professional and employment experience may be granted.

- Advertising - An undergraduate degree from a recognised institution in another area other than Advertising.
- Arts & Cultural Management - An undergraduate degree. Semester one or two entry, full time and part time.
- Finance - An undergraduate degree in an area other than Finance. Semester one or two entry only, full time and part time.
- Human Resource Management - An undergraduate degree with a major in Human Resource Management, or approved equivalent study in Organisational Psychology or

Organisational Behaviour. Semester one or two entry, full time and part time.

- Integrated Marketing Communication - An undergraduate degree from a recognised institution in an area other than Integrated Marketing Communication. Semester one or two entry, full time and part time.
- International Business - An undergraduate degree with a major in Business or Commerce, or approved equivalent study in International Relations, International Politics, History, Languages, or Cross-Cultural Communication. Semester one or two entry, full time and part time.
- Marketing - An undergraduate degree in an area other than Marketing. Semester one or two entry, full time and part time.
- Philanthropy and Nonprofit Studies - An undergraduate degree in any field. Semester one or two entry, full time and part time.
- Professional Accounting - An undergraduate business degree from a recognised tertiary institution with an appropriate major in Accountancy. This course assumes a knowledge of Australian Business Law, Company Law, Tax Law, and Accounting, and Auditing Standards. Semester one, entry full time. Semester two entry, part time.
- Public Management - An undergraduate degree in Business, or a degree in another area combined with significant public sector employment experience. If you have no degree but significant public sector employment experience, then special entry may be granted. Semester one and two entry, full time and part time.
- Public Relations - An undergraduate degree from a recognised institution in an area other than Public Relations. Semester one or two entry, full time and part time.

#### Articulation

With the approval of the relevant Subject Area Coordinator, in conjunction with and approval of the Course Coordinator, students may articulate from the Graduate Certificate in Business to one of the following courses, depending on the specialisation undertaken. Students will have to meet the entry requirements and/or the prerequisites for further study:

- BS96 Graduate Diploma in Applied Finance or BS98 Master of Applied Finance - for students completing the Graduate Certificate in Business (Finance).
- BS93 Master of Business (Advertising) - for students completing the Graduate Certificate in Business (Advertising).
- BS93 Master of Business (Marketing) - for students completing the Graduate Certificate in Business (Marketing).
- BS93 Master of Business (Public Relations) or BS72 Graduate Diploma in Public Relations - for students completing the Graduate Certificate in Business (Public Relations).
- BS93 Master of Business (Advertising) or BS93 Master of Business (Marketing) or BS93 Master of Business (Public Relations) or BS72 Graduate Diploma in Public Relations - for students completing the Graduate Certificate in Business (Integrated Marketing Communication).
- BS93 Master of Business (Human Resource Management) - for students completing the Graduate Certificate in Business (Human Resource Management).
- BS93 Master of Business (Integrated Marketing Communication) - for students completing the Graduate Certificate in Business (Integrated Marketing Communication). (Subject to approval).
- BS93 Master of Business (International Business) - for students completing the Graduate Certificate in Business (International Business).
- BS93 Master of Business (Philanthropy & Nonprofit Studies) or BS95 Graduate Diploma in Philanthropy & Nonprofit Studies - for students completing the Graduate Certificate in Business (Philanthropy & Nonprofit Studies).

- BS93 Master of Business (Public Management) - for students completing the Graduate Certificate in Business (Public Management).
- BS98 Master of Applied Finance - for students completing the Graduate Certificate in Business (Finance).
- IF02 Graduate Diploma in Creative Industries (Arts & Cultural Management) - for students completing the Graduate Certificate in Business (Arts & Cultural Management).
- GS20 Master of Business Administration (MBA) or GS21 Graduate Diploma in Business Administration - for students completing the Graduate Certificate in Business, provided students have a minimum of two years' relevant work experience.

In addition, the Graduate Certificate in Business may articulate to GS21 Graduate Diploma in Business Administration or GS20 Master of Business Administration, provided students have a minimum of two years' relevant work experience.

#### Course Design

Graduate Certificates consist of 48 credit points of units, where students undertake the Professional Accounting specialisation consisting of four units.

#### Course structure

##### *Professional Accounting*

AYZ412  
AYZ418  
AYZ438  
AYZ443

### ■ Graduate Certificate in Business Administration (GS32/GS87)

**Award title:** Graduate Certificate in Business Administration

**CRICOS code:** 031575D

**Location:** Gardens Point

**Course duration (full-time):** 1 Semester. The course must be completed within a maximum time period of two years.

**Course duration (part-time):** 2 Semesters. The course must be completed within a maximum time period of two years.

**Total credit points:** 48

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Caroline Ann Hatcher, MBA Director

#### Entry Requirements

To be considered for the Graduate Certificate program an applicant must be proficient in the English language, demonstrated by:

- English as their first language or language of instruction at undergraduate level, or
- TOEFL score of greater than or equal to 575 (or greater than or equal to 230 on the computer based test) or IELTS score of greater than or equal to 6.5, or
- TOEFL score between 550 and 572 (213 and 229 on the computerised tests) or IELTS score between 6.0 and 6.49 and the successful completion of two Business English units through QUT International College.

Admission into the program is based on a points system that considers a range of criteria including management experience, tertiary qualifications and GMAT/or equivalent test score.

For a more detailed explanation of entry requirements go to [www.bgsb.qut.edu.au/applications.htm](http://www.bgsb.qut.edu.au/applications.htm)

#### Overview

The Graduate Certificate in Business Administration allows professionals to update their skills in selected core business discipline areas.



### Course Design

The Graduate Certificate consists of any 8 units, of 6 credit points each, from the MBA core program.

In line with other leading business schools, BGSB offers six credit point units, delivered in seven-week modules giving students the flexibility to commence study at the beginning or mid-point of any semester, offering six different entry points each year.

Students can either enrol directly into the Graduate Certificate in Business Administration, or take it as an exit award from the Graduate Diploma in Business Administration or MBA, as the Graduate Certificate articulates into both of these courses.

### Course structure

*Select 8 units from the following list:*

GSN401	Managing In The Global Business Environment
GSN402	Strategic Use Of Information Technology
GSN403	Understanding Data
GSN404	Financial Statements Analysis 1
GSN405	Strategic Management
GSN406	Human Resource Management Issues
GSN407	Business Communication
GSN408	Fundamentals of Marketing Management
GSN409	Organisational Behaviour 1
GSN410	Entrepreneurship
GSN411	Economics Of Strategy 1
GSN412	Business Law 1
GSN413	Financial Management 1
GSN414	Business Conditions Analysis 1
GSN415	Leadership 1
GSN416	Business Plans 1

## ■ Graduate Certificate in Entrepreneurship and Innovation (GS35)

**Location:** Gardens Point

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Caroline Hatcher

### Entry Requirements

To be considered for the program an applicant must be proficient in the English language, demonstrated by:

- English as their first language or language of instruction at undergraduate level, or
- TOEFL score of greater than or equal to 575 (or greater than or equal to 230 on the computer based test) or IELTS score of greater than or equal to 6.5, or
- TOEFL score between 550 and 572 (213 and 229 on the computerised tests) or IELTS score between 6.0 and 6.49 and the successful completion of two Business English units through QUT International College.

Admission into the program is based on a points system that considers a range of criteria including management experience, tertiary qualifications and GMAT/or equivalent test score.

For a more detailed explanation of entry requirements go to [www.bgsb.qut.edu.au](http://www.bgsb.qut.edu.au)

### Overview

The Entrepreneurship and Innovation courses are designed to equip potential entrepreneurs and corporate intrapreneurs with the necessary knowledge and management and technical skills to successfully commercialise new technology and pursue career success as a manager within the private and/or public sectors within Australia and/or internationally.

The courses combine postgraduate business (MBA) coursework with postgraduate coursework in the field of the new technology that a student wishes to commercialise. Students may enter the program with a new technology in mind, or alternatively they

might select a technology to commercialise as they proceed through the program.

This program would culminate in the production by the student (in GSN420) of a strategic plan for a new business venture. This strategic plan would clearly enunciate the business model being suggested for the market exploitation of the new technology.

### Course Design

Students must complete 6 core and 2 required units, of 6 credit points each from the MBA (Entrepreneurship) program totalling 48 credit points.

Students might enter and complete this program only, and/or may use the successful completion of this program as a basis for entry into the Graduate Diploma in Entrepreneurship and Innovation or the Master of Entrepreneurship and Innovation program.

Alternatively, students who have registered in either the Graduate Diploma in Entrepreneurship and Innovation or the Master of Entrepreneurship and Innovation programs may exit from those programs with the of Graduate Certificate in Entrepreneurship and Innovation qualification if they have fulfilled the conditions outlined below for the award of this graduate certificate.

### Course Structure

#### Core Units

GSN401	Managing In The Global Business Environment
GSN402	Strategic Use Of Information Technology
GSN405	Strategic Management
GSN408	Fundamentals of Marketing Management
GSN410	Entrepreneurship
GSN416	Business Plans 1

#### Required Units

GSN420	New Venture Strategy
GSN460	Creative Problem Solving

## ■ Graduate Certificate in Human Resource Management and Development (BS32)

**Award title:** Graduate Certificate in Human Resource Management and Development

**Location:** Gardens Point

**Course duration (part-time):** 2 semesters part-time

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Ms Claire Gardiner

### Entry Requirements

A degree or equivalent in an area other than Human Resource Management or equivalent study in Organisational Behaviour.

### Course Requirements

Students must complete four prescribed units (48 credit points)

### Articulation with Masters Programs

Students who graduate from the Graduate Certificate in Human Resource Management and Development and have a minimum of 2 years work experience in a related field may articulate into the Masters of Business (HRM).

### Part-time Course structure

#### Semester 1

MGN412	People In Organisations
MGN427	Human Resource Management

#### Semester 2

MGN409	Introduction To Management
MGN410	Labour-Management Relations

## ■ Graduate Certificate in Management (GS33/GS93)

**Award title:** Graduate Certificate in Management

**CRICOS code:** 012664E

**Location:** Gardens Point

**Course duration (full-time):** 1 Semester (2 teaching periods).  
The course must be completed within a maximum time period of two years.

**Course duration (part-time):** 2 Semesters (4 teaching periods).  
The course must be completed within a maximum time period of two years.

**Total credit points:** 48

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Caroline Ann Hatcher, MBA Director

### Entry Requirements

To be considered for the Graduate Certificate program an applicant must be proficient in the English language, demonstrated by:

- English as their first language or language of instruction at undergraduate level, or
- TOEFL score of greater than or equal to 575 (or greater than or equal to 230 on the computer based test) or IELTS score of greater than or equal to 6.5 with no sub-band score below 6.0, or
- TOEFL score between 550 and 572 (213 and 229 on the computerised tests) or IELTS score between 6.0 and 6.49 with no sub-band score below 5.0 and the successful completion of two Business English units (24 credit points) through QUT International College.

Admission into the program is based on a points system that considers a range of criteria including prior work experience, academic achievement and management aptitude (GMAT or equivalent test score).

For a more detailed explanation of entry requirements go to [www.bgsb.qut.edu.au](http://www.bgsb.qut.edu.au)

### Course Design

To attain a general Graduate Certificate in Management students must complete any 48 credit points from the Master of Business Administration (GS30) core or elective units.

Alternatively, to attain a specialised study area within the Graduate Certificate in Management students must complete 48 credit points from a selected major area.

Students may undertake other postgraduate Business elective units, subject to the approval of the MBA Director.

In line with leading international business schools, BGSB offers six credit point units, delivered in seven-week modules giving students the flexibility to commence study at the beginning or mid-point of any semester, offering six different entry points each year.

### Articulation

Students who successfully complete the Graduate Certificate in Management program with a GPA of 4.5 above (on a 7 point scale) may enrol in the Master of Business Administration and other Master level awards offered by the Faculty of Business.

### Course structure

#### Business Communication

Required Units:

- GSN407 Business Communication
  - GSN417 Effective Advocacy For Managers
  - GSN457 Organisational Communication And Influence
  - GSN459 Communication Planning For Organisations
  - GSN458 Intercultural Business Communication
  - GSN462 Negotiation Strategies
- Elective (Choose 12cp from the list below)  
Elective List:

- GSN415 Leadership 1
- GSN461 Making Change Work
- GSN402 Strategic Use Of Information Technology
- GSN455 Special Topics 3

#### Corporate Governance

Required Units:

- GSN404 Financial Statements Analysis 1
  - GSN427 Financial Statement Analysis 2
  - GSN412 Business Law 1
  - GSN422 Business Law 2
  - GSN472 Principles of Corporate Governance
  - GSN473 Corporate Accountability
- Electives (Choose 12cp from the list below)  
Elective List:
- GSN480 Sustainable Development And Competitive Advantage
  - GSN456 Personal Development And Ethics For Managers
  - GSN444 Special Topics 1
  - GSN224 Corporate Philanthropy
  - GSN230 Ethics And Management For Philanthropic And Nonprofit Organisations
  - GSN231 Legal And Accounting Issues For PandNP Organisations
  - GSN233 Special Topic In Philanthropy And Nonprofit Studies

#### Electronic Business

Required Units:

- GSN402 Strategic Use Of Information Technology
  - GSN435 Electronic Commerce
  - GSN465 Advanced Electronic Commerce
  - GSN467 Knowledge Management
  - GSN469 Internet Applications
  - GSN470 E-Business
- Elective (Choose 12cp from the list below)  
Elective List:
- GSN463 Australian E-Communications Policy
  - GSN464 International E-Communications Policy
  - GSN466 Technology Infrastructure Management
  - GSN468 Public and Commercial Policy in the ICT Sector
  - GSN471 E-Publishing
  - GSN447 Strategic Internet Marketing 1
  - GSN448 Strategic Internet Marketing 2
  - GSN454 Economics Of Information And E-Commerce
  - AYN446 The Law Of E-Commerce
  - AYN448 Management Of Electronic Business Processes
  - ITN272 Information Technology Project Management

#### Public Sector Marketing

Required Units:

- GSN402 Strategic Use Of Information Technology
  - GSN408 Fundamentals of Marketing Management
  - GSN418 Marketing Strategy Development
  - GSN429 Marketing Planning
  - GSN449 Public Sector And Social Marketing 1
  - GSN450 Public Sector And Social Marketing 2
  - GSN447 Strategic Internet Marketing 1
  - GSN448 Strategic Internet Marketing 2
- Elective (Choose 12cp from the list below only if credit has been granted for basic Marketing units)  
Elective List:
- GSN223 Applied Research Project B

#### Leadership

Required Units:

- GSN409 Organisational Behaviour 1
  - GSN419 Organisational Behaviour 2
  - GSN407 Business Communication
  - GSN415 Leadership 1
  - GSN417 Effective Advocacy For Managers
  - GSN425 Leadership 2
- Elective (Choose 12cp from the list below)  
Elective List:
- GSN456 Personal Development And Ethics For Managers
  - GSN462 Negotiation Strategies
  - GSN461 Making Change Work
  - GSNXXX Leadership Project

#### Strategy

Required Units:

- GSN402 Strategic Use Of Information Technology
- GSN405 Strategic Management
- GSN411 Economics Of Strategy 1
- GSN421 Economics Of Strategy 2
- GSN474 Strategy Planning & Development
- GSN475 Strategic Analysis

Electives (Choose 12cp from the list below)  
Elective List:

GSN410	Entrepreneurship
GSN420	New Venture Strategy
GSN226	Arts Policy And Strategy
GSN207	Organisational Analysis And Consulting

## ■ Bachelor of Business (Honours) (BS63)

**Award title:** Bachelor of Business (Honours)

**CRICOS code:** 009038B

**Location:** Gardens Point

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Professor Neal Ryan, Director of Research and Development

**Discipline coordinator:** Dr Conor O'Leary (Accountancy); Assoc. Prof. Jim Everett (Advertising, Marketing & Public Relations); Mr Peter Whelan (Economics and Banking and Finance); Dr Mark Griffin (Management and Human Resource Management); Dr Marilyn Healy (International Business)

### Overview

If applicants have shown high achievement in an undergraduate degree, the Honours program allows advanced studies in a chosen field. The capacity to conduct rigorous independent research will develop, and the advanced coursework integrates conceptual and practical knowledge within a discipline. Applicants can study within the fields of Accountancy, Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing, Public Relations. The Faculty will provide students with up to \$600 for approved research related expenses associated with the preparation of a thesis under the Faculty's Postgraduate Research Student Support Scheme. Schools may also provide additional funding assistance and/or opportunities for paid research assistant or tutoring work.

### Entry requirements

A Bachelor of Business from QUT that includes a major in the area of intended Honours level study or a qualification deemed equivalent. Students must have achieved a grade-point average (GPA) of 5.5 or better on a 7-point scale in the three years of undergraduate study or other qualifications and experience which is considered by the Dean of Faculty to qualify for admission. Students would normally apply for admission to Honours at the end of the final year of their pass degree, or within 18 months of completing the pass degree.

### Course Requirements

Students must complete four coursework units (48 credit points) and a dissertation (48 credit points), as per the programs of study described below for their area of Honours study.

Prerequisite requirements for the following units are deemed to have been satisfied upon admission to this course. Where elective units may be undertaken, students should check prerequisite requirements in the unit synopsis section of the QUT Handbook and obtain approval from the Subject Area Coordinator prior to enrolment.

### Course structure

#### Accountancy

BSN507	Research Methods Two of the following units
AYN505	Accounting Honours - A
AYN506	Accounting Honours - B
AYN507	Business Law Honours Elective (Any approved postgraduate unit offered by the School of Accountancy or other approved postgraduate business units)
BSN501	Dissertation

#### Advertising

BSN503	Research Seminar Select one unit
AMN403	Marketing And Survey Research
BSN412	Qualitative Research And Analytical Techniques Two postgraduate units in the specialisation area, subject to Subject Area Coordinators approval
BSN501	Dissertation

#### Banking and Finance

BSN506	Econometric Methods
EFN500	Contemporary Macroeconomic Theories
EFN502	Developments In Microeconomic Theories Elective (Any approved postgraduate School of Accountancy or Economics and Banking and Finance unit)
BSN501	Dissertation

#### Human Resource Management

BSN502	Research Methodology
BSN503	Research Seminar
MGN506	Contemporary Issues in HRM
MGN508	Consulting and Change Management
BSN501	Dissertation

#### International Business

BSN502	Research Methodology
BSN503	Research Seminar Elective (Any two approved postgraduate units offered by the School of International Business)
BSN501	Dissertation

#### Management

BSN502	Research Methodology
BSN503	Research Seminar
MGN501	Readings In Management
MGN507	Contemporary Issues In Management
BSN501	Dissertation

#### Marketing

BSN503	Research Seminar Select one unit
AMN403	Marketing And Survey Research
BSN412	Qualitative Research And Analytical Techniques Elective (Two postgraduate units in the specialisation area, subject to the Subject Area Coordinators approval)
BSN501	Dissertation

#### Public Relations

BSN503	Research Seminar Select one unit
AMN403	Marketing And Survey Research
BSN412	Qualitative Research And Analytical Techniques Elective (Two postgraduate units in the specialisation area, subject to the Subject Area Coordinators approval)
BSN501	Dissertation

## ■ Bachelor of Business (BS56) Course Notes

### Special Requirements for the Bachelor of Business Degree in the Faculty of Business

A full-time student may only enrol in units selected from those contained in the normal course program for semesters 1 and 2 in the first year of study unless in exceptional circumstances, and with the approval of the Dean of Business. Similarly, a part-time student may only select units from those listed for years 1 and 2 in the first two years of study.

A student must enrol for more than one unit in any semester, unless they have the approval of the Dean. Copies of the Undergraduate Guidelines outlining the faculty rules and procedures are available from the Faculty of Business Student Enquiries Counter at Gardens Point in Z407, or Carseldine in C201.

### Course Requirements

Students commencing the Bachelor of Business must complete 24 units of equal weighting totalling 288 credit points, comprised of:

- eight Faculty core units (refer to A below)
- one relevant block of six major core units (refer to B below)
- one of the following:
  - double major (six units); or

- (ii) extended major (six units); or
- (iii) specialisation (six units).
- (d) plus four electives.

**(A) Faculty Core Units**

BSB110 Accounting  
 BSB111 Business Law & Ethics  
 BSB113 Economics  
 BSB114 Government, Business & Society  
 BSB115 Management, People & Organisations  
 BSB119 International & Electronic Business  
 BSB122 Business Information Analysis & Communication  
 BSB126 Marketing

**(B) Major Core Units**

**Accountancy**

AYB121 Financial Accounting  
 AYB220 Company Accounting  
 AYB221 Computerised Accounting Systems  
 AYB225 Management Accounting  
 AYB301 Auditing  
 EFB101 Data Analysis for Business

**Advertising**

AMB200 Consumer Behaviour  
 AMB220 Advertising Theory & Practice  
 AMB221 Advertising Copywriting  
 AMB222 Media Planning  
 AMB320 Advertising Management  
 AMB321 Advertising Campaigns

**Banking and Finance**

EFB101 Data Analysis for Business  
 EFB102 Economics 2  
 EFB201 Financial Markets  
 EFB210 Finance 1  
 EFB307 Finance 2  
 EFB312 International Finance & Economics

**Economics**

EFB101 Data Analysis for Business  
 EFB102 Economics 2  
 EFB202 Business Cycles & Economic Growth  
 EFB211 Firms, Markets & Resources  
 EFB314 International Trade & Economic Competitiveness  
 EFB323 Financial & Monetary Economics

**Electronic Business**

BSB212 Electronic Business Applications  
 BSB213 Legal Issues in Electronic Business  
 BSB313 Business Strategy & Technology  
 ITB825 Electronic Business Information Systems  
 MGB334 Managing in a Changing Environment  
 Electronic Business Elective

**Human Resource Management**

MGB207 Human Resource Issues & Strategy  
 MGB211 Organisational Behaviour  
 MGB220 Management Research Methods  
 MGB222 Managing Organisations  
 MGB309 Strategic Management  
 MGB314 Organisational Consulting & Change

**International Business**

IBB202 Business & the World Economy  
 IBB210 Export Management  
 IBB211 Globalisation & Business  
 IBB300 International Business Strategy  
 and one of the following pairs of area study units:

IBB217 Asian Business Development  
 IBB317 Contemporary Business in Asia  
 OR

IBB208 European Business Development  
 IBB308 Contemporary Business in Europe

**Management**

MGB210 Production & Service Management  
 MGB211 Organisational Behaviour  
 MGB220 Management Research Methods  
 MGB222 Managing Organisations  
 MGB309 Strategic Management  
 MGB334 Managing in a Changing Environment

**Marketing**

AMB200 Consumer Behaviour  
 AMB201 Marketing & Audience Research  
 AMB240 Marketing Planning & Management

AMB241 E-Marketing Strategies  
 AMB340 Services Marketing  
 AMB341 Strategic Marketing

**Public Relations**

AMB201 Marketing & Audience Research  
 AMB260 Public Relations Theory & Practice  
 AMB261 Media Relations & Publicity  
 AMB262 Public Relations Writing  
 AMB360 Corporate Communication Management  
 AMB361 Public Relations Campaigns

**Definitions**

**Double Major:** a second major core (six units) chosen from above. Six units must be completed for a double major. An alternative double major option unit must be substituted when a unit is common to both majors, or a unit that is incompatible has already been completed. Approval for the substitute unit should be sought from the Major Coordinator.

**Extended Major:** an additional group of six specified units in the same discipline area as the major core. A list of possible extended majors is provided later, with the respective primary majors.

**Elective:** a unit of 12 credit points chosen from any degree course at QUT including approved degree level study tours. Electives may also be taken at other recognised universities if the student obtains written approval from the Course Coordinator and the Head of School.

**Specialisations For Business Majors**

Specialisations are a coherent group of six specified units in a discipline area. Specialisations for business students may be chosen from the following areas. An alternative specialisation option unit must be substituted when a unit is common to the major and specialisation, or a unit that is incompatible has already been completed. Approval for the substitute unit should be sought from the Major Coordinator.

Students should note that not all specialisations will be timetabled in every year or semester. Hence, it is important that you confirm that the specialisation in which you are interested is offered. Students are also able to undertake an Interfaculty Specialisations (IFS) with the approval of the Director of Undergraduate Studies. Full details are available from the Faculty of Business Student Enquiries Counter, level 4, Z Block, Gardens Point or on (07) 3864 2050 or via bus@qut.edu.au

- Business Law (BLS) for Business students without an Accountancy major
- Financial Economics (FES) for Business students without an Economics major
- Integrated Marketing Communication (IMS) for Business students
- Language (LGS) for Business students without an International Business major  
 Students may study French, German, Indonesian or Japanese, or also seek approval to undertake a different language at another tertiary institution. Refer to the International Business major for unit details.
- Language (LGS) for Business students with an International Business major  
 Students may study French, German, Indonesian or Japanese, or also seek approval to undertake a different language at another tertiary institution. Refer to the International Business major for unit details.
- Integrated Marketing Communication (IMS) for Business students with any major.

## ■ Bachelor of Business (Accountancy) (BS56)

**Award title:** Bachelor of Business (Accountancy)

**CRICOS code:** 003491G

**Location:** Gardens Point

**Course duration (full-time):** 3 Years

**Course duration (part-time):** 6 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Mr Andrew Paltridge

**Discipline coordinator:** Dr John Sweeting

### Other Majors

See also separate entries for the following majors in this course:

Advertising, Banking and Finance, Economics, Electronic Business, Human Resource Management, International Business, Management, Marketing, and Public Relations.

### Professional Membership

Students completing the Bachelor of Business (Accountancy) degree with an Extended Major in either Professional Accounting or Business Law and Tax meet the academic requirements for Associate membership of CPA Australia and enrolment in the CPA examinations and the academic requirements for enrolment in the CA examinations of the Institute of Chartered Accountants in Australia (ICAA).

Students completing the Accountancy major with a double major in Electronic Business (EBD) also meet the academic requirements for Associate membership of CPA Australia and enrolment in the CPA examinations and the CA examinations of the ICAA, subject to the following specific unit selections:

AYB223 Law of Business Associations (BSB111) substitutes for AYB221 in the Accountancy major; the Electronic Business elective unit chosen is AYB221 Computerised Accounting Systems (BSB110); and the four electives chosen are AYB325 Taxation Law (AYB223), EFB210 Finance 1 (BSB110 & BSB113), EFB102 Economics 2 (BSB113) and either AYB311 Financial Accounting Issues (AYB220) or AYB321 Strategic Management Accounting (AYB225).

Students completing the Accountancy major with a double major in either Banking and Finance (BFD) or Economics (ECD), with appropriate elective choices and unit substitutions, may be recognised as satisfying the academic requirements for Associate membership of CPA Australia and enrolment in the CPA examinations and the CA examinations of the ICAA. Students need to enrol in the following units as electives: AYB223 Law of Business Associations (BSB111); AYB311 Financial Accounting Issues (AYB220) or AYB321 Strategic Management Accounting (AYB225) and AYB325 Taxation Law (AYB223). In addition to these elective units, ECD double major students should undertake EFB210 Finance 1 (BSB110 & BSB113) as a replacement for EFB101 which is common to both majors.

These programs are also accredited with the Institute of Chartered Secretaries and Administrators and Chartered Secretaries Australia.

NOTE THAT: Students with advanced standing (i.e. academic credit) may be required to undertake additional studies in order to meet professional body requirements. Students must also comply with CPA Australia policy on conceded and terminal passes.

### Full-time Course structure (for students not seeking professional recognition)

#### Year 1, Semester 1

BSB110 Accounting  
BSB111 Business Law And Ethics  
BSB113 Economics  
BSB115 Management, People And Organisations

#### Year 1, Semester 2

AYB121 Financial Accounting

BSB119 International And Electronic Business  
BSB122 Business Information Analysis And Communication  
BSB126 Marketing

#### Year 2, Semester 1

AYB220 Company Accounting  
BSB114 Government, Business And Society  
EFB101 Data Analysis For Business  
Double Major/Extended Major/Specialisation Unit

#### Year 2, Semester 2

AYB221 Computerised Accounting Systems  
AYB225 Management Accounting  
Double Major/Extended Major/Specialisation unit  
Double Major/Extended Major/Specialisation unit

#### Year 3, Semester 1

AYB301 Auditing  
Double Major/Extended Major/Specialisation unit  
Double Major/Extended Major/Specialisation unit  
Elective unit

#### Year 3, Semester 2

Double Major/Extended Major/Specialisation unit  
Elective unit  
Elective unit  
Elective unit

### Part-time Course structure (for students not seeking professional recognition)

#### Year 1, Semester 1

BSB110 Accounting  
BSB113 Economics

#### Year 1, Semester 2

AYB121 Financial Accounting  
BSB122 Business Information Analysis And Communication

#### Year 2, Semester 1

BSB111 Business Law And Ethics  
BSB115 Management, People And Organisations

#### Year 2, Semester 2

BSB119 International And Electronic Business  
BSB126 Marketing

#### Year 3, Semester 1

BSB114 Government, Business And Society  
EFB101 Data Analysis For Business

#### Year 3, Semester 2

AYB221 Computerised Accounting Systems  
Double Major/Extended Major/Specialisation Unit

#### Year 4, Semester 1

AYB220 Company Accounting  
Double Major/Extended Major/Specialisation Unit

#### Year 4, Semester 2

AYB225 Management Accounting  
Double Major/Extended Major/Specialisation Unit

#### Year 5, Semester 1

AYB301 Auditing  
Double Major/Extended Major/Specialisation Unit

#### Year 5, Semester 2

Double Major/Specialisation Unit  
Elective Unit

#### Year 6, Semester 1

Double Major/Extended Major/Specialisation Unit  
Elective Unit

#### Year 6, Semester 2

Elective Unit  
Elective Unit

### Full-time Extended Major in Professional Accounting (students seeking professional recognition)

#### Year 1, Semester 1

BSB110 Accounting  
BSB111 Business Law And Ethics  
BSB113 Economics  
BSB115 Management, People And Organisations

#### Year 1, Semester 2

AYB121 Financial Accounting  
BSB119 International And Electronic Business  
BSB122 Business Information Analysis And Communication  
BSB126 Marketing

#### Year 2, Semester 1

AYB220 Company Accounting  
BSB114 Government, Business And Society

EFB101 Data Analysis For Business

EFB210 Finance 1

**Year 2, Semester 2**

AYB221 Computerised Accounting Systems

AYB223 Law Of Business Associations

AYB225 Management Accounting

EFB102 Economics 2

**Year 3, Semester 1**

AYB301 Auditing

AYB321 Strategic Management Accounting

AYB325 Taxation Law

Elective unit

**Year 3, Semester 2**

AYB311 Financial Accounting Issues

Elective unit

Elective unit

Elective unit

**Part-time Extended Major in Professional Accounting (students seeking professional recognition)**

**Year 1, Semester 1**

BSB110 Accounting

BSB113 Economics

**Year 1, Semester 2**

AYB121 Financial Accounting

BSB122 Business Information Analysis And Communication

**Year 2, Semester 1**

BSB111 Business Law And Ethics

BSB115 Management, People And Organisations

**Year 2, Semester 2**

BSB119 International And Electronic Business

BSB126 Marketing

**Year 3, Semester 1**

BSB114 Government, Business And Society

EFB101 Data Analysis For Business

**Year 3, Semester 2**

AYB221 Computerised Accounting Systems

AYB223 Law Of Business Associations

**Year 4, Semester 1**

AYB220 Company Accounting

EFB210 Finance 1

**Year 4, Semester 2**

AYB225 Management Accounting

EFB102 Economics 2

**Year 5, Semester 1**

AYB301 Auditing

AYB325 Taxation Law

**Year 5, Semester 2**

AYB311 Financial Accounting Issues

Elective

**Year 6, Semester 1**

AYB321 Strategic Management Accounting

Elective

**Year 6, Semester 2**

Elective

Elective

**Full-time Extended Major in Business Law and Tax**

**Year 1, Semester 1**

BSB110 Accounting

BSB113 Economics

BSB111 Business Law And Ethics

BSB115 Management, People And Organisations

**Year 1, Semester 2**

AYB121 Financial Accounting

BSB119 International And Electronic Business

BSB122 Business Information Analysis And Communication

BSB126 Marketing

**Year 2, Semester 1**

AYB220 Company Accounting

BSB114 Government, Business And Society

EFB101 Data Analysis For Business

EFB210 Finance 1

**Year 2, Semester 2**

AYB221 Computerised Accounting Systems

AYB223 Law Of Business Associations

AYB225 Management Accounting

EFB102 Economics 2

**Year 3, Semester 1**

AYB301 Auditing

AYB321 Strategic Management Accounting

AYB325 Taxation Law

Extended major unit

**Year 3, Semester 2**

AYB311 Financial Accounting Issues

Extended Major Unit

Extended major unit

Extended major unit

**Extended Major Units**

Students must select any four of the following units:

AYB122 Goods And Services Tax

AYB305 Company Law And Practice

AYB312 Financial Institutions Law

AYB323 Tax Planning

AYB328 Taxation Law 2

**Part-time Extended Major in Business Law and Tax**

**Year 1, Semester 1**

BSB110 Accounting

BSB113 Economics

**Year 1, Semester 2**

AYB121 Financial Accounting

BSB122 Business Information Analysis And Communication

**Year 2, Semester 1**

BSB111 Business Law And Ethics

BSB115 Management, People And Organisations

**Year 2, Semester 2**

BSB119 International And Electronic Business

BSB126 Marketing

**Year 3, Semester 1**

BSB114 Government, Business And Society

EFB101 Data Analysis For Business

**Year 3, Semester 2**

AYB221 Computerised Accounting Systems

AYB223 Law Of Business Associations

**Year 4, Semester 1**

AYB220 Company Accounting

EFB210 Finance 1

**Year 4, Semester 2**

AYB225 Management Accounting

EFB102 Economics 2

**Year 5, Semester 1**

AYB301 Auditing

AYB325 Taxation Law

**Year 5, Semester 2**

AYB311 Financial Accounting Issues

Extended Major Unit

**Year 6, Semester 1**

AYB321 Strategic Management Accounting

Extended Major Unit

**Year 6, Semester 2**

Extended Major Unit

Extended Major Unit

**Extended Major Units**

Students must select any four of the following units:

AYB122 Goods And Services Tax

AYB305 Company Law And Practice

AYB312 Financial Institutions Law

AYB323 Tax Planning

AYB328 Taxation Law 2

■ **Bachelor of Business (Advertising) (BS56)**

**Award title:** Bachelor of Business (Advertising)

**CRICOS code:** 003491G

**Location:** Gardens Point

**Course duration (full-time):** 3 Years

**Course duration (part-time):** 6 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Mr Andrew Paltridge

**Discipline coordinator:** Ms Gayle Kerr

**Other Majors**

See also separate entries for the following majors in this course: Accountancy, Banking and Finance, Economics, Electronic

Business, Human Resource Management, International Business, Management, Marketing, and Public Relations.

### Professional Membership

The Bachelor of Business with a major in Advertising is recognised by various professional bodies such as: the Advertising Federation of Australia, the Australian Association of National Advertisers and the Australian Direct Marketing Association.

### Course structure

#### Year 1, Semester 1

BSB114 Government, Business And Society  
 BSB119 International And Electronic Business  
 BSB122 Business Information Analysis And Communication  
 BSB126 Marketing

#### Year 1, Semester 2

AMB200 Consumer Behaviour  
 AMB220 Advertising Theory And Practice  
 BSB115 Management, People And Organisations  
 Double Major/Extended Major/Specialisation unit

#### Year 2, Semester 1

AMB222 Media Planning  
 BSB110 Accounting  
 Double Major/Extended Major/Specialisation unit  
 Double Major/Extended Major/Specialisation unit

#### Year 2, Semester 2

AMB221 Advertising Copywriting  
 BSB111 Business Law And Ethics  
 BSB113 Economics  
 Double Major/Extended Major/Specialisation unit

#### Year 3, Semester 1

AMB320 Advertising Management  
 Double Major/Extended Major/Specialisation unit  
 Elective  
 Elective

#### Year 3, Semester 2

AMB321 Advertising Campaigns  
 Double Major/Extended Major/Specialisation unit  
 Elective  
 Elective

### Part-time Course structure

#### Year 1, Semester 1

BSB122 Business Information Analysis And Communication  
 BSB126 Marketing

#### Year 1, Semester 2

BSB114 Government, Business And Society  
 BSB119 International And Electronic Business

#### Year 2, Semester 1

AMB200 Consumer Behaviour  
 AMB220 Advertising Theory And Practice

#### Year 2, Semester 2

BSB115 Management, People And Organisations  
 Double Major/Extended Major/Specialisation unit

#### Year 3, Semester 1

AMB222 Media Planning  
 Double Major/Extended Major/Specialisation unit

#### Year 3, Semester 2

AMB221 Advertising Copywriting  
 BSB110 Accounting

#### Year 4, Semester 1

BSB113 Economics  
 Double Major/Extended Major/Specialisation unit

#### Year 4, Semester 2

AMB320 Advertising Management  
 BSB111 Business Law And Ethics

#### Year 5, Semester 1

AMB321 Advertising Campaigns  
 Double Major/Extended Major/Specialisation unit

#### Year 5, Semester 2

Double Major/Extended Major/Specialisation unit  
 Elective

#### Year 6, Semester 1

Double Major/Extended Major/Specialisation unit  
 Elective

#### Year 6, Semester 2

Elective

Elective

### Full-time Extended Major in Advertising

#### Year 1, Semester 1

BSB114 Government, Business And Society  
 BSB119 International And Electronic Business  
 BSB122 Business Information Analysis And Communication  
 BSB126 Marketing

#### Year 1, Semester 2

AMB200 Consumer Behaviour  
 AMB220 Advertising Theory And Practice  
 AMB230 Internet Promotion  
 BSB115 Management, People And Organisations

#### Year 2, Semester 1

AMB222 Media Planning  
 BSB110 Accounting  
 Any School of Advertising Marketing and Public Relations unit\*  
 Any School of Advertising Marketing and Public Relations unit\*

#### Year 2, Semester 2

AMB221 Advertising Copywriting  
 AMB231 Marketing Communications Regulations And Ethics  
 BSB111 Business Law And Ethics  
 BSB113 Economics

#### Year 3, Semester 1

AMB320 Advertising Management  
 AMB330 Advertising Strategy And Planning  
 AMB331 Direct Marketing  
 Elective

#### Year 3, Semester 2

AMB321 Advertising Campaigns  
 Elective  
 Elective  
 Elective

\*Choice units can be taken in any semester.

### Part-time Extended Major in Advertising

#### Year 1, Semester 1

BSB122 Business Information Analysis And Communication  
 BSB126 Marketing

#### Year 1, Semester 2

BSB114 Government, Business And Society  
 BSB119 International And Electronic Business

#### Year 2, Semester 1

AMB200 Consumer Behaviour  
 AMB220 Advertising Theory And Practice

#### Year 2, Semester 2

AMB230 Internet Promotion  
 BSB115 Management, People And Organisations

#### Year 3, Semester 1

AMB222 Media Planning  
 AMB231 Marketing Communications Regulations And Ethics

#### Year 3, Semester 2

AMB221 Advertising Copywriting  
 BSB110 Accounting

#### Year 4, Semester 1

BSB113 Economics  
 Any School of Advertising Marketing and Public Relations Unit\*

#### Year 4, Semester 2

AMB320 Advertising Management  
 BSB111 Business Law And Ethics

#### Year 5, Semester 1

AMB321 Advertising Campaigns  
 AMB330 Advertising Strategy And Planning

#### Year 5, Semester 2

Any School of Advertising Marketing and Public Relations Unit\*  
 Elective

#### Year 6, Semester 1

AMB331 Direct Marketing  
 Elective

#### Year 6, Semester 2

Elective  
 Elective

\*Choice Units can be taken in any semester

## ■ Bachelor of Business (Banking and Finance) (BS56)

**Award title:** Bachelor of Business (Banking and Finance)

**CRICOS code:** 003491G

**Location:** Gardens Point

**Course duration (full-time):** 3 Years

**Course duration (part-time):** 6 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Mr Andrew Paltridge

**Discipline coordinator:** Mr John Polichronis

### Other Majors

See also separate entries for the following majors in this course:

Accountancy, Advertising, Economics, Electronic Business, Human Resource Management, International Business, Management, Marketing, and Public Relations.

### Professional Membership

Students completing the Bachelor of Business (Banking and Finance) degree with an extended major in either Banking or Funds Management are recognised as satisfying the academic requirements for Senior Associate membership of the Australasian Institute of Banking and Finance (AIBF). If the units AYB305 Company Law & Practice, AYB223 Law of Business Associations and EFB308 Finance 3 are included as electives, students will satisfy the academic requirements for membership of Chartered Secretaries Australia.

Students completing the Bachelor of Business (Banking & Finance) with a double major in Accountancy, with appropriate elective choices and unit substitutions, may be recognised as satisfying the academic requirements for either Associate membership of CPA Australia and enrolment in the CPA examinations as well as Senior Associate Membership of the Australasian Institute of Banking and Finance, or Associate membership of CPA Australia and enrolment in the CPA examinations and the CA examinations of the Institute of Chartered Accountants in Australia. We have designed these courses to maximise students ability to meet professional requirements, however students may be required to undertake further units with professional bodies.

Students completing the Bachelor of Business (Banking & Finance) with a double major in Economics (including EFB308 Finance 3 and EFB318 Portfolio & Security Analysis as substitute major core units; OR EFB311 Financial Institutions - Lending and EFB310 Financial Institutions - Control as substitute major core units with AYB312 Financial Institutions Law as an elective unit) can expect to gain admission to Senior Associate Membership of the Australasian Institute of Banking and Finance (AIBF) as well as professional membership of the Economic Society of Australia (Qld).

### Course Combinations

The School of Economics and Finance recommends the following course combinations which provide excellent professional recognition and career opportunities:

The extended majors in Banking and Funds Management build on the corporate and institutional finance studied in the major. The extended majors provide the opportunity for in-depth, comprehensive study of banking, funds management and/or risk management. Four electives are available for another area of study.

The extended major in Financial Economics provides an excellent foundation for a career either as a strategy analyst in the financial sector or as a policy adviser with the various Federal and State level financial regulatory associated authorities.

The Bachelor of Business (Banking and Finance) with a double major in Accountancy provides the opportunity for professional

recognition in both disciplines. The Banking and Finance major is enhanced by additional accountancy studies. These graduates are in high demand for a wide range of career opportunities.

The Bachelor of Business (Banking and Finance) with a double major in Economics provides the opportunity for professional recognition in both disciplines, offering a wide range of career opportunities, particularly in the economic and financial forecasting functions within the financial and government sectors.

Course structures for these combinations are available at the Faculty of Business Student Enquiries Counter (Level 4, Z Block, Gardens Point or via bus@qut.edu.au). Enrolment advice is available from the School of Economics and Finance (Level 8, Z Block, Gardens Point).

### Full-time Course Structure

#### Year 1, Semester 1

BSB119 International And Electronic Business  
BSB113 Economics  
BSB122 Business Information Analysis And Communication  
BSB126 Marketing

#### Year 1, Semester 2

BSB110 Accounting  
BSB115 Management, People And Organisations  
EFB101 Data Analysis For Business  
EFB102 Economics 2

#### Year 2, Semester 1

BSB111 Business Law And Ethics  
BSB114 Government, Business And Society  
EFB210 Finance 1  
Double Major/Extended Major/Specialisation unit

#### Year 2, Semester 2

EFB307 Finance 2  
Double Major/Extended Major/Specialisation unit  
Double Major/Extended Major/Specialisation unit  
Elective unit

#### Year 3, Semester 1

EFB201 Financial Markets  
Double Major/Extended Major/Specialisation unit  
Double Major/Extended Major/Specialisation unit  
Elective unit

#### Year 3, Semester 2

EFB312 International Finance And Economics  
Double Major/Extended Major/Specialisation unit  
Elective unit  
Elective unit

### Part-time Course Structure

#### Year 1, Semester 1

BSB119 International And Electronic Business  
BSB113 Economics

#### Year 1, Semester 2

BSB115 Management, People And Organisations  
EFB102 Economics 2

#### Year 2, Semester 1

BSB114 Government, Business And Society  
BSB126 Marketing

#### Year 2, Semester 2

BSB110 Accounting  
BSB122 Business Information Analysis And Communication

#### Year 3, Semester 1

BSB111 Business Law And Ethics  
EFB210 Finance 1

#### Year 3, Semester 2

EFB101 Data Analysis For Business  
Double Major/Extended Major/Specialisation Unit

#### Year 4, Semester 1

EFB307 Finance 2  
Elective Unit

#### Year 4, Semester 2

Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

#### Year 5, Semester 1

EFB201 Financial Markets  
Double Major/Extended Major/Specialisation Unit

#### Year 5, Semester 2

Elective Unit  
Elective Unit



**Year 6, Semester 1**

Double Major/Extended Major/Specialisation Unit  
Elective Unit

**Year 6, Semester 2**

EFB312 International Finance And Economics  
Double Major/Extended Major/Specialisation Unit

**Full-time Extended Major in Banking**

**Year 1, Semester 1**

BSB113 Economics  
BSB119 International And Electronic Business  
BSB122 Business Information Analysis And Communication  
BSB126 Marketing

**Year 1, Semester 2**

BSB110 Accounting  
BSB115 Management, People And Organisations  
EFB101 Data Analysis For Business  
EFB102 Economics 2

**Year 2, Semester 1**

BSB111 Business Law And Ethics  
BSB114 Government, Business And Society  
EFB210 Finance 1  
Elective

**Year 2, Semester 2**

AYB225 Management Accounting  
EFB307 Finance 2  
Extended Major Unit  
Elective

**Year 3, Semester 1**

AYB312 Financial Institutions Law  
EFB201 Financial Markets  
EFB311 Financial Institutions - Lending  
Extended Major Unit

**Year 3, Semester 2**

EFB310  
EFB312  
Elective  
Elective

**Banking Extended Major List**

Choose two of the following units:

EFB200 Applied Regression Analysis  
EFB308 Finance 3  
EFB309 Financial Derivatives  
EFB318 Portfolio And Security Analysis  
EFB326 Applied Portfolio Management

**Part-time Extended Major in Banking**

**Year 1, Semester 1**

BSB113 Economics  
BSB119 International And Electronic Business

**Year 1, Semester 2**

BSB115 Management, People And Organisations  
EFB102 Economics 2

**Year 2, Semester 1**

BSB114 Government, Business And Society  
BSB126 Marketing

**Year 2, Semester 2**

BSB110 Accounting  
BSB122 Business Information Analysis And Communication

**Year 3, Semester 1**

BSB111 Business Law And Ethics  
EFB210 Finance 1

**Year 3, Semester 2**

AYB225 Management Accounting  
EFB101 Data Analysis For Business

**Year 4, Semester 1**

EFB307 Finance 2  
Elective

**Year 4, Semester 2**

Banking Extended Major  
Elective

**Year 5, Semester 1**

EFB201 Financial Markets  
EFB311 Financial Institutions - Lending

**Year 5, Semester 2**

Banking Extended Major Unit  
Elective

**Year 6, Semester 1**

AYB312 Financial Institutions Law

Elective

**Year 6, Semester 2**

EFB310 Financial Institutions - Control  
EFB312 International Finance And Economics

**Banking Extended Major List**

Choose two of the following units

EFB200 Applied Regression Analysis  
EFB308 Finance 3  
EFB309 Financial Derivatives  
EFB318 Portfolio And Security Analysis  
EFB326 Applied Portfolio Management

**Full-time Extended Major in Financial Economics**

**Year 1, Semester 1**

BSB113 Economics  
BSB119 International And Electronic Business  
BSB122 Business Information Analysis And Communication  
BSB126 Marketing

**Year 1, Semester 2**

BSB110 Accounting  
BSB115 Management, People And Organisations  
EFB101 Data Analysis For Business  
EFB102 Economics 2

**Year 2, Semester 1**

BSB111 Business Law And Ethics  
EFB202 Business Cycles And Economic Growth  
EFB210 Finance 1  
EFB211 Firms, Markets And Resources

**Year 2, Semester 2**

BSB114 Government, Business And Society  
EFB307 Finance 2  
EFB325 Financial Microeconomics  
Elective

**Year 3, Semester 1**

EFB201 Financial Markets  
EFB324 Macroeconomics Of Global Financial Markets  
Financial Economics Extended Major  
Elective

**Year 3, Semester 2**

EFB312 International Finance And Economics  
EFB326 Applied Portfolio Management  
Elective  
Elective

**Financial Economics Extended Major List**

Choose one from the following:

EFB200 Applied Regression Analysis  
EFB308 Finance 3  
EFB309 Financial Derivatives  
EFB318 Portfolio And Security Analysis

**Part-time Extended Major in Financial Economics**

**Year 1, Semester 1**

BSB113 Economics  
BSB119 International And Electronic Business

**Year 1, Semester 2**

BSB115 Management, People And Organisations  
EFB102 Economics 2

**Year 2, Semester 1**

BSB114 Government, Business And Society  
BSB126 Marketing

**Year 2, Semester 2**

BSB110 Accounting  
BSB122 Business Information Analysis And Communication

**Year 3, Semester 1**

EFB210 Finance 1  
EFB211 Firms, Markets And Resources

**Year 3, Semester 2**

EFB101 Data Analysis For Business  
EFB325 Financial Microeconomics

**Year 4, Semester 1**

EFB202 Business Cycles And Economic Growth  
EFB307 Finance 2

**Year 4, Semester 2**

Elective  
Elective

**Year 5, Semester 1**

EFB201 Financial Markets  
EFB324 Macroeconomics Of Global Financial Markets

**Year 5, Semester 2**

Elective  
Elective

**Year 6, Semester 1**

Financial Economics Extended Major Unit  
Elective

**Year 6, Semester 2**

EFB312 International Finance And Economics  
Elective

**Financial Economics Extended Major List**

Choose one of the following units:

EFB200 Applied Regression Analysis  
EFB308 Finance 3  
EFB309 Financial Derivatives  
EFB318 Portfolio And Security Analysis

**Full-time Extended Major in Funds Management**

**Year 1, Semester 1**

BSB113 Economics  
BSB119 International And Electronic Business  
BSB122 Business Information Analysis And Communication  
BSB126 Marketing

**Year 1, Semester 2**

BSB110 Accounting  
BSB115 Management, People And Organisations  
EFB101 Data Analysis For Business  
EFB102 Economics 2

**Year 2, Semester 1**

BSB111 Business Law And Ethics  
BSB114 Government, Business And Society  
EFB210 Finance 1  
Funds Management Extended Major Unit

**Year 2, Semester 2**

AYB225 Management Accounting  
EFB307 Finance 2  
Elective  
Elective

**Year 3, Semester 1**

EFB201 Financial Markets  
EFB318 Portfolio And Security Analysis  
Funds Management Extended Major Unit  
Elective

**Year 3, Semester 2**

EFB308 Finance 3  
EFB309 Financial Derivatives  
EFB312 International Finance And Economics  
Elective

**Funds Management Extended Major List**

Choose two of the following units:

AYB312 Financial Institutions Law  
EFB200 Applied Regression Analysis  
EFB310 Financial Institutions - Control  
EFB311 Financial Institutions - Lending  
EFB326 Applied Portfolio Management

**Part-time Extended Major in Funds Management**

**Year 1, Semester 1**

BSB113 Economics  
BSB119 International And Electronic Business

**Year 1, Semester 2**

BSB115 Management, People And Organisations  
EFB102 Economics 2

**Year 2, Semester 1**

BSB114 Government, Business And Society  
BSB126 Marketing

**Year 2, Semester 2**

BSB110 Accounting  
BSB122 Business Information Analysis And Communication

**Year 3, Semester 1**

BSB111 Business Law And Ethics  
EFB210 Finance 1

**Year 3, Semester 2**

AYB225 Management Accounting  
EFB101 Data Analysis For Business

**Year 4, Semester 1**

EFB307 Finance 2  
Elective

**Year 4, Semester 2**

Funds Management Extended Major Unit

Elective

**Year 5, Semester 1**

EFB201 Financial Markets  
EFB318 Portfolio And Security Analysis

**Year 5, Semester 2**

EFB312 International Finance And Economics  
Elective

**Year 6, Semester 1**

Funds Management Extended Major Unit  
Elective

**Year 6, Semester 2**

EFB308 Finance 3  
EFB309 Financial Derivatives

**Funds Management Extended Major List**

Choose two of the following units:

AYB312 Financial Institutions Law  
EFB200 Applied Regression Analysis  
EFB310 Financial Institutions - Control  
EFB311 Financial Institutions - Lending  
EFB326 Applied Portfolio Management

■ **Bachelor of Business (Economics) (BS56)**

**Award title:** Bachelor of Business (Economics)

**CRICOS code:** 003491G

**Location:** Gardens Point

**Course duration (full-time):** 3 Years

**Course duration (part-time):** 6 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Mr Andrew Paltridge

**Discipline coordinator:** Mr Eugene McCann

**Other Majors**

See also separate entries for the following majors in this course: Accountancy, Advertising, Banking and Finance, Electronic Business, Human Resource Management, International Business, Management, Marketing, and Public Relations.

**Professional Membership**

This degree satisfies the academic requirements for ordinary membership of the Economic Society of Australia.

Students completing the Bachelor of Business (Economics) with a double degree in Banking Finance will qualify for ordinary membership of the Economic Society of Australia and professional membership of the Queensland Division of the Economic Society of Australia. Students may also qualify for Senior Associate membership of the Australasian Institute of Banking and Finance (AIBF), by either (a) including EFB311 Financial Institutions - Lending and EFB310 Financial Institutions - Control as substitute major core units with AYB312 Financial Institutions Law as an elective, OR (b) including EFB308 Finance 3 and EFB318 Portfolio & Security Analysis as substitute major core units.

**Course Combinations**

The School of Economics and Finance recommends the following course combination which provides excellent professional recognition and career opportunities:

The Bachelor of Business (Economics) with an extended major in Financial Economics provides an excellent foundation for a career either as a strategy analyst in the financial sector or as a policy advisor with the various Federal and State level financial regulatory associated authorities.

The Bachelor of Business (Economics) with a double major in Banking and Finance provides the opportunity for professional recognition in both disciplines, offering a wide range of career opportunities, particularly in the economic and financial forecasting functions within the financial and government sectors.

The course structure for this combination is available at the Faculty of Business Student Enquiries Counter (Level 4, Z Block, Gardens Point or via bus@qut.edu.au). Enrolment advice is

available from the School of Economics and Finance (Level 8, Z Block, Gardens Point).

### Full-time Course structure

#### Year 1, Semester 1

BSB119 International And Electronic Business  
BSB113 Economics  
BSB122 Business Information Analysis And Communication  
BSB126 Marketing

#### Year 1, Semester 2

BSB110 Accounting  
EFB101 Data Analysis For Business  
BSB115 Management, People And Organisations  
EFB102 Economics 2

#### Year 2, Semester 1

BSB111 Business Law And Ethics  
EFB202 Business Cycles And Economic Growth  
EFB211 Firms, Markets And Resources  
Double Major/Extended Major/Specialisation unit

#### Year 2, Semester 2

BSB114 Government, Business And Society  
EFB314 International Trade And Economic Competitiveness  
EFB323 Financial And Monetary Economics  
Double Major/Extended Major/Specialisation unit

#### Year 3, Semester 1

Double Major/Extended Major/Specialisation unit  
Double Major/Extended Major/Specialisation unit  
Elective unit  
Elective unit

#### Year 3, Semester 2

Double Major/Extended Major/Specialisation unit  
Double Major/Extended Major/Specialisation unit  
Elective unit  
Elective unit

### Part-time Course Structure

#### Year 1, Semester 1

BSB119 International And Electronic Business  
BSB113 Economics

#### Year 1, Semester 2

BSB115 Management, People And Organisations  
EFB102 Economics 2

#### Year 2, Semester 1

BSB122 Business Information Analysis And Communication  
BSB126 Marketing

#### Year 2, Semester 2

BSB110 Accounting  
BSB114 Government, Business And Society

#### Year 3, Semester 1

EFB202 Business Cycles And Economic Growth  
EFB211 Firms, Markets And Resources

#### Year 3, Semester 2

EFB314 International Trade And Economic Competitiveness  
EFB323 Financial And Monetary Economics

#### Year 4, Semester 1

BSB111 Business Law And Ethics  
Double Major/Extended Major/Specialisation Unit

#### Year 4, Semester 2

BSB117 Professional Communication And Negotiation  
Double Major/Extended Major/Specialisation Unit

#### Year 5, Semester 1

Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

#### Year 5, Semester 2

Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

#### Year 6, Semester 1

Elective Unit  
Elective Unit

#### Year 6, Semester 2

Elective Unit  
Elective Unit

### Full-time Extended Major in Financial Economics

#### Year 1, Semester 1

BSB113 Economics  
BSB119 International And Electronic Business  
BSB122 Business Information Analysis And Communication  
BSB126 Marketing

#### Year 1, Semester 2

BSB110 Accounting  
BSB115 Management, People And Organisations  
EFB101 Data Analysis For Business  
EFB102 Economics 2

#### Year 2, Semester 1

BSB111 Business Law And Ethics  
EFB202 Business Cycles And Economic Growth  
EFB211 Firms, Markets And Resources  
EFB210 Finance 1

#### Year 2, Semester 2

BSB114 Government, Business And Society  
EFB314 International Trade And Economic Competitiveness  
EFB323 Financial And Monetary Economics  
EFB325 Financial Microeconomics

#### Year 3, Semester 1

EFB324 Macroeconomics Of Global Financial Markets  
Financial Economics Extended Major Unit  
Elective  
Elective

#### Year 3, Semester 2

EFB326 Applied Portfolio Management  
Financial Economics Extended Major Unit  
Elective  
Elective

#### Financial Economics Extended Major List

Choose two from the following units:

EFB200 Applied Regression Analysis  
EFB201 Financial Markets  
EFB327 Econometrics Of Financial Markets  
EFB328 Public Economics And Finance

### Part-time Extended Major in Financial Economics

#### Year 1, Semester 1

BSB113 Economics  
BSB119 International And Electronic Business

#### Year 1, Semester 2

BSB115 Management, People And Organisations  
EFB102 Economics 2

#### Year 2, Semester 1

BSB122 Business Information Analysis And Communication  
BSB126 Marketing

#### Year 2, Semester 2

BSB110 Accounting  
BSB114 Government, Business And Society

#### Year 3, Semester 1

EFB202 Business Cycles And Economic Growth  
EFB211 Firms, Markets And Resources

#### Year 3, Semester 2

EFB314 International Trade And Economic Competitiveness  
EFB323 Financial And Monetary Economics

#### Year 4, Semester 1

BSB111 Business Law And Ethics  
EFB210 Finance 1

#### Year 4, Semester 2

EFB101 Data Analysis For Business  
EFB325 Financial Microeconomics

#### Year 5, Semester 1

EFB324 Macroeconomics Of Global Financial Markets  
Financial Economics Extended Major Unit

#### Year 5, Semester 2

EFB326 Applied Portfolio Management  
Financial Economics Extended Major Unit

#### Year 6, Semester 1

Elective  
Elective

#### Year 6, Semester 2

Elective  
Elective

#### Financial Economics Extended Major List

Choose two from the following units:

EFB200 Applied Regression Analysis  
EFB201 Financial Markets  
EFB327 Econometrics Of Financial Markets  
EFB328 Public Economics And Finance

## ■ Bachelor of Business (Electronic Business) (BS56)

**Award title:** Bachelor of Business (Electronic Business)

**CRICOS code:** 003491G

**Location:** Gardens Point

**Course duration (full-time):** 3 Years

**Course duration (part-time):** 6 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Mr Andrew Paltridge

**Discipline coordinator:** A/Prof Peter Best

### Other Majors

See also separate entries for the following majors in this course:

Accountancy, Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing, and Public Relations.

### Professional Membership

Students completing the Bachelor of Business (Electronic Business) with a double major in Accountancy meet the academic requirements for Associate membership of CPA Australia and enrolment in the CPA examinations and the academic requirements for enrolment in the CA examinations of the Institute of Chartered Accountants in Australia, subject to the following specific unit selections: AYB223 Law of Business Associations (BSB111) substitutes for AYB221 in the Accountancy major; the Electronic Business elective unit chosen is AYB221 Computerised Accounting Systems (BSB110); and the four electives chosen are AYB325 Taxation Law (AYB223), EFB210 Finance 1 (BSB110 & BSB113), EFB102 Economics 2 (BSB113) and either AYB311 Financial Accounting Issues (AYB220) or AYB321 Strategic Management Accounting (AYB225). Students planning to undertake this program should contact the School of Accountancy regarding specific course structures.

Note that students with advanced standing (that is, academic credit) may be required to undertake additional studies in order to meet professional body requirements. Students must also comply with CPA Australia policy on conceded and terminal passes.

### Major Review

Please note that a number of units in the Electronic Business Major have been recoded for 2002. Please refer to the School of Accountancy for further details.

### Course Design

Electronic Business is only available as a double major. It is not possible to study it as an extended major nor will students be allowed to undertake a specialisation.

### Course structure – Full-time

#### Year 1, Semester 1

BSB111 Business Law And Ethics  
BSB119 International And Electronic Business  
BSB122 Business Information Analysis And Communication  
BSB126 Marketing

#### Year 1, Semester 2

BSB110 Accounting  
BSB113 Economics  
BSB115 Management, People And Organisations  
ITB825 Electronic Business Information Systems

#### Year 2, Semester 1

BSB114 Government, Business And Society  
BSB212 Electronic Business Applications  
Double major unit  
Elective\*

#### Year 2, Semester 2

BSB213 Legal Issues In Electronic Business  
Double major unit  
Double major unit  
Elective\*

#### Year 3, Semester 1

MGB334 Managing In A Changing Environment  
Double major unit  
Double major unit  
Elective\*

#### Year 3, Semester 2

BSB313 Business Strategy And Technology  
Double major unit  
Elective\*  
Elective\*

\*Of the five electives, one of these relates to the Electronic Business major and must be taken from the list of Electronic Business elective units.

### Course structure – Part-time

#### Year 1, Semester 1

BSB111 Business Law And Ethics  
BSB119 International And Electronic Business

#### Year 1, Semester 2

BSB126 Marketing  
BSB122 Business Information Analysis And Communication

#### Year 2, Semester 1

BSB110 Accounting  
BSB113 Economics

#### Year 2, Semester 2

BSB115 Management, People And Organisations  
ITB825 Electronic Business Information Systems

#### Year 3, Semester 1

BSB114 Government, Business And Society  
BSB212 Electronic Business Applications

#### Year 3, Semester 2

Double Major Unit  
Elective\*

#### Year 4, Semester 1

Double Major Unit  
Elective\*

#### Year 4, Semester 2

BSB213 Legal Issues In Electronic Business  
Double Major Unit

#### Year 5, Semester 1

MGB334 Managing In A Changing Environment  
Double Major Unit

#### Year 5, Semester 2

Double Major Unit  
Elective\*

#### Year 6, Semester 1

Double Major Unit  
Elective\*

#### Year 6, Semester 2

BSB313 Business Strategy And Technology  
Elective\*

\* Of the five electives, one of these relates to the Electronic Business major and must be taken from the list of Electronic Business elective units.

### Electronic Business Elective Unit List

AMB230 Internet Promotion  
AMB241 E-Marketing Strategies  
AYB221 Computerised Accounting Systems  
IBB223 Emerging Technologies And International Business  
ITB233 Enterprise Systems Applications  
ITB823 Web Sites For Electronic Commerce  
ITB114 Introduction to Network Technologies  
MGB216 Managing Technology, Innovation And Knowledge

## ■ Bachelor of Business (Human Resource Management) (BS56)

**Award title:** Bachelor of Business (Human Resource Management)

**CRICOS code:** 003491G

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 3 Years

**Course duration (part-time):** 6 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Mr Andrew Paltridge

**Discipline coordinator:** Dr Kate Hutchings

**Other Majors**

See also separate entries for the following majors in this course: Accountancy, Advertising, Banking and Finance, Economics, Electronic Business, International Business, Management, Marketing, and Public Relations.

**Professional Membership**

This major satisfies the academic requirements for membership of the Australian Human Resources Institute, the Australian Institute of Management and the Australian Institute of Training and Development.

**Full-time course structure**

*Year 1, Semester 1*

BSB115 Management, People And Organisations  
 BSB119 International And Electronic Business  
 BSB122 Business Information Analysis And Communication  
 BSB126 Marketing

*Year 1, Semester 2*

BSB114 Government, Business And Society  
 MGB207 Human Resource Issues And Strategy  
 MGB220 Management Research Methods  
 MGB222 Managing Organisations

*Year 2, Semester 1*

MGB211 Organisational Behaviour  
 Double Major/Extended Major/Specialisation unit  
 Double Major/Extended Major/Specialisation unit  
 Elective

*Year 2, Semester 2*

BSB110 Accounting  
 BSB113 Economics  
 Double Major/Extended Major/Specialisation unit  
 Double Major/Extended Major/Specialisation unit

*Year 3, Semester 1*

MGB314 Organisational Consulting And Change  
 Elective  
 Elective  
 Elective

*Year 3, Semester 2*

BSB111 Business Law And Ethics  
 MGB309 Strategic Management  
 Double Major/Extended Major/Specialisation unit  
 Double Major/Extended Major/Specialisation unit

**Part-time course structure**

*Year 1, Semester 1*

BSB113 Economics  
 BSB114 Government, Business And Society

*Year 1, Semester 2*

BSB115 Management, People And Organisations  
 BSB122 Business Information Analysis And Communication

*Year 2, Semester 1*

MGB220 Management Research Methods  
 MGB222 Managing Organisations

*Year 2, Semester 2*

BSB119 International And Electronic Business  
 MGB211 Organisational Behaviour

*Year 3, Semester 1*

BSB110 Accounting  
 MGB207 Human Resource Issues And Strategy

*Year 3, Semester 2*

BSB126 Marketing  
 MGB314 Organisational Consulting And Change

*Year 4, Semester 1*

BSB111 Business Law And Ethics  
 Double Major/Extended Major/Specialisation Unit

*Year 4, Semester 2*

Double Major/Extended Major/Specialisation Unit  
 Elective

*Year 5, Semester 1*

Double Major/Extended Major/Specialisation Unit  
 Elective

*Year 5, Semester 2*

Double Major/Extended Major/Specialisation unit  
 Elective

*Year 6, Semester 1*

MGB309 Strategic Management  
 Double Major/Extended Major/Specialisation Unit

*Year 6, Semester 2*

Double Major/Extended Major/Specialisation Unit  
 Elective

**Full-time Extended Major in Human Resource Management**

*Year 1, Semester 1*

BSB115 Management, People And Organisations  
 BSB119 International And Electronic Business  
 BSB122 Business Information Analysis And Communication  
 BSB126 Marketing

*Year 1, Semester 2*

BSB114 Government, Business And Society  
 MGB207 Human Resource Issues And Strategy  
 MGB220 Management Research Methods  
 MGB222 Managing Organisations

*Year 2, Semester 1*

MGB201 The Legal Context Of Employment Relations  
 MGB211 Organisational Behaviour  
 MGB221 Performance And Reward  
 Elective

*Year 2, Semester 2*

BSB110 Accounting  
 BSB113 Economics  
 MGB331 Training And Development  
 MGB320 Recruitment and Selection

*Year 3, Semester 1*

MGB314 Organisational Consulting And Change  
 Elective  
 Elective  
 Elective

*Year 3, Semester 2*

BSB111 Business Law And Ethics  
 MGB309 Strategic Management  
 MGB315 Personal And Professional Development  
 MGB304 Human Resource Information Management

**Part-time Extended Major in Human Resource Management**

*Year 1, Semester 1*

BSB113 Economics  
 BSB114 Government, Business And Society

*Year 1, Semester 2*

BSB115 Management, People And Organisations  
 BSB122 Business Information Analysis And Communication

*Year 2, Semester 1*

MGB220 Management Research Methods  
 MGB222 Managing Organisations

*Year 2, Semester 2*

BSB119 International And Electronic Business  
 MGB211 Organisational Behaviour

*Year 3, Semester 1*

BSB110 Accounting  
 MGB207 Human Resource Issues And Strategy

*Year 3, Semester 2*

BSB126 Marketing  
 MGB314 Organisational Consulting And Change

*Year 4, Semester 1*

BSB111 Business Law And Ethics  
 MGB221 Performance And Reward

*Year 4, Semester 2*

MGB320 Recruitment and Selection  
 Elective

*Year 5, Semester 1*

MGB201 The Legal Context Of Employment Relations  
 MGB315 Personal And Professional Development

*Year 5, Semester 2*

MGB331 Training And Development  
 Elective

*Year 6, Semester 1*

MGB309 Strategic Management  
 Elective

*Year 6, Semester 2*

MGB304 Human Resource Information Management  
 Elective

## ■ Bachelor of Business (International Business) (BS56)

**Award title:** Bachelor of Business (International Business)

**CRICOS code:** 003491G

**Location:** Gardens Point

**Course duration (full-time):** 3 Years

**Course duration (part-time):** 6 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Mr Andrew Paltridge

**Discipline coordinator:** Mr Simon Ridings

### Other Majors

See also separate entries for the following majors in this course:

Accountancy, Advertising, Banking and Finance, Economics, Electronic Business, Human Resource Management, Management, Marketing, and Public Relations.

### Professional Membership

Students may be eligible for membership of associations, such as the Australian Institute of Export (QLD) Ltd and the Economic Society of Australia, depending on their choice of units.

### Languages Option

The course structure for both full-time and part-time International Business students varies depending on whether languages are selected as an option. Alternative course structures are included: one outlines the course structure if no languages are taken, the other outlines the structure for those who wish to undertake a language specialisation. If languages are taken as a specialisation, language units should commence in the first semester of the first year to maintain continuity from earlier pre-QUT language studies. All language units must normally be taken in the same language. International students must take a language that is not their native tongue.

### Full-time Course structure

#### Year 1, Semester 1

BSB113 Economics  
BSB115 Management, People And Organisations  
BSB119 International And Electronic Business  
BSB126 Marketing

#### Year 1, Semester 2

BSB114 Government, Business And Society  
BSB122 Business Information Analysis And Communication  
IBB202 Business And The World Economy  
IBB211 Globalisation And Business

#### Year 2, Semester 1

BSB110 Accounting  
BSB111 Business Law And Ethics  
IBB210 Export Management  
Area Study 1

#### Year 2, Semester 2

Area Study 2  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit  
Elective

#### Year 3, Semester 1

Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit  
Elective

#### Year 3, Semester 2

IBB300 International Business Strategy  
Double Major/Extended Major/Specialisation Unit  
Elective  
Elective

Students must select one of the following pairs of area study units:

IBB217 Asian Business Development  
IBB317 Contemporary Business In Asia  
Or

IBB208 European Business Development  
IBB308 Contemporary Business In Europe

### Part-time Course Structure

#### Year 1, Semester 1

BSB114 Government, Business And Society  
BSB119 International And Electronic Business

#### Year 1, Semester 2

BSB110 Accounting  
BSB115 Management, People And Organisations

#### Year 2, Semester 1

BSB113 Economics  
BSB126 Marketing

#### Year 2, Semester 2

IBB202 Business And The World Economy  
IBB211 Globalisation And Business

#### Year 3, Semester 1

IBB210 Export Management  
Double Major/Extended Major/Specialisation Unit

#### Year 3, Semester 2

BSB111 Business Law And Ethics  
Double Major/Extended Major/Specialisation Unit

#### Year 4, Semester 1

BSB122 Business Information Analysis And Communication  
Double Major/Extended Major/Specialisation Unit

#### Year 4, Semester 2

IBB300 International Business Strategy  
Double Major/Extended Major/Specialisation Unit

#### Year 5, Semester 1

Area Study 1  
Double Major/Extended Major/Specialisation Unit

#### Year 5, Semester 2

Area Study 2  
Elective

#### Year 6, Semester 1

Double Major/Extended Major/Specialisation Unit  
Elective

#### Year 6, Semester 2

Elective  
Elective

Students must select one of the following pairs of area study units:

IBB217 Asian Business Development  
IBB317 Contemporary Business In Asia  
OR

IBB208 European Business Development  
IBB308 Contemporary Business In Europe

### Full-time Extended Major in International Business Analysis

#### Year 1, Semester 1

BSB113 Economics  
BSB115 Management, People And Organisations  
BSB119 International And Electronic Business  
BSB126 Marketing

#### Year 1, Semester 2

BSB114 Government, Business And Society  
BSB122 Business Information Analysis And Communication  
IBB202 Business And The World Economy  
IBB211 Globalisation And Business

#### Year 2, Semester 1

BSB110 Accounting  
BSB111 Business Law And Ethics  
IBB210 Export Management  
Area Study 1

#### Year 2, Semester 2

IBB213 International Marketing  
Area Study 2  
Extended Major Unit  
Elective

#### Year 3, Semester 1

IBB304 Global Industry Analysis  
Extended Major Unit  
Extended Major Unit  
Elective

#### Year 3, Semester 2

IBB300 International Business Strategy  
Extended Major Unit  
Elective  
Elective

#### Extended Major Units

Four of the following units must be selected including one level 3 unit (IBB3xx).

IBB101	Business In Australia
IBB205	Cross-Cultural Communication And Negotiation
IBB223	Emerging Technologies And International Business
IBB231	Business in Country X - Study Tour
IBB303	International Logistics
IBB312	Special Topic - International Business
IBB322	Independent Study Project

**Area Study Options**

Students must complete one of the following pairs of area study units:

IBB217	Asian Business Development
IBB317	Contemporary Business In Asia
OR	
IBB208	European Business Development
IBB308	Contemporary Business In Europe

**Course structure - Language Specialisation**

**Year 1, Semester 1**

BSB113	Economics
BSB119	International And Electronic Business
BSB126	Marketing
	Language 1

**Year 1, Semester 2**

BSB115	Management, People And Organisations
IBB202	Business And The World Economy
IBB211	Globalisation And Business
	Language 2

**Year 2, Semester 1**

BSB114	Government, Business And Society
IBB210	Export Management
	Area Study 1
	Language 3

**Year 2, Semester 2**

BSB122	Business Information Analysis and Communication
	Area Study 2
	Language 4
	Elective

**Year 3, Semester 1**

BSB110	Accounting
IBB300	International Business Strategy
	Elective
	PLUS ONE OF THE FOLLOWING:
	Language 5 OR
IBB205	Cross-Cultural Communication And Negotiation

**Year 3, Semester 2**

BSB111	Business Law And Ethics
	Elective
	Elective
	PLUS ONE OF THE FOLLOWING:
	Language 6
	OR
	International Business Elective Unit (IBB2xx or IBB3xx)

**Area Study Options**

Students must select one of the following pairs of area study units:

IBB217	Asian Business Development
IBB317	Contemporary Business In Asia
OR	
IBB208	European Business Development
IBB308	Contemporary Business In Europe

**List of Languages**

French  
German  
Indonesian  
Japanese  
The same language must be studied for at least four levels.  
International students must take a language that is not their native tongue

**Part-time Extended Major in International Business Analysis**

**Year 1, Semester 1**

BSB114	Government, Business And Society
BSB119	International And Electronic Business

**Year 1, Semester 2**

BSB110	Accounting
BSB115	Management, People And Organisations

**Year 2, Semester 1**

BSB113	Economics
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BSB126	Marketing
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**Year 2, Semester 2**

IBB202	Business And The World Economy
IBB211	Globalisation And Business

**Year 3, Semester 1**

IBB210	Export Management
IBB304	Global Industry Analysis

**Year 3, Semester 2**

BSB111	Business Law And Ethics
IBB213	International Marketing

**Year 4, Semester 1**

BSB122	Business Information Analysis And Communication
	Extended Major Unit

**Year 4, Semester 2**

IBB300	International Business Strategy
	Extended Major Unit

**Year 5, Semester 1**

	Area Study 1
	Extended Major Unit

**Year 5, Semester 2**

	Area Study 2
	Elective

**Year 6, Semester 1**

	Extended Major Unit
	Elective

**Year 6, Semester 2**

	Elective
	Elective

**Extended Major Units**

Four of the following units must be selected including one level 3 unit (IBB3xx)

IBB101	Business In Australia
IBB205	Cross-Cultural Communication And Negotiation
IBB223	Emerging Technologies And International Business
IBB231	Business in Country X Study Tour
IBB303	International Logistics
IBB312	Special Topic - International Business
IBB322	Independent Study Project

**Area Study Options**

Students must select one of the following pairs of area study units:

IBB217	Asian Business Development
IBB317	Contemporary Business In Asia
OR	
IBB208	European Business Development
IBB308	Contemporary Business In Europe

**Course structure – Part-time Language Specialisation**

**Year 1, Semester 1**

BSB119	International And Electronic Business
	Language 1

**Year 1, Semester 2**

BSB115	Management, People And Organisations
	Language 2

**Year 2, Semester 1**

BSB126	Marketing
	Language 3

**Year 2, Semester 2**

BSB113	Economics
	Language 4

**Year 3, Semester 1**

BSB122	Business Information Analysis And Communication
	PLUS ONE OF THE FOLLOWING:
	Language 5
	OR

IBB205	Cross-Cultural Communication And Negotiation
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**Year 3, Semester 2**

BSB114	Government, Business And Society
IBB211	Globalisation And Business

**Year 4, Semester 1**

BSB111	Business Law And Ethics
	PLUS ONE OF THE FOLLOWING:
	Language 6
	OR

	International Business Elective (IBB2xx, IBB3xx)
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**Year 4, Semester 2**

IBB202	Business And The World Economy
	Elective

**Year 5, Semester 1**

IBB210 Export Management  
Area Study 1  
**Year 5, Semester 2**  
IBB300 International Business Strategy  
Area Study 2

**Year 6, Semester 1**  
BSB110 Accounting  
Elective

**Year 6, Semester 2**  
Elective  
Elective

**Area Study Options**

Students must select one of the following pairs of area study units:

IBB217 Asian Business Development  
IBB317 Contemporary Business In Asia  
OR  
IBB208 European Business Development  
IBB308 Contemporary Business In Europe

**■ Bachelor of Business (Management) (BS56)**

**Award title:** Bachelor of Business (Management)

**CRICOS code:** 003491G

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 3 Years

**Course duration (part-time):** 6 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Mr Andrew Paltridge

**Discipline coordinator:** Dr Glenda Maconachie

**Other Majors**

See also separate entries for the following majors in this course: Accountancy, Advertising, Banking and Finance, Economics, Electronic Business, Human Resource Management, International Business, Marketing, and Public Relations.

**Professional Membership**

This major satisfies the academic requirements for membership of the Australian Institute of Management. Membership of other professional associations may also be available depending on the program of study chosen.

**Course structure - Full-time**

**Year 1, Semester 1**

BSB115 Management, People And Organisations  
BSB119 International And Electronic Business  
BSB122 Business Information Analysis And Communication  
BSB126 Marketing

**Year 1, Semester 2**

BSB113 Economics  
BSB114 Government, Business And Society  
MGB220 Management Research Methods  
MGB222 Managing Organisations

**Year 2, Semester 1**

MGB210 Production And Service Management  
MGB211 Organisational Behaviour  
Double Major/Extended Major/Specialisation Unit  
Elective

**Year 2, Semester 2**

BSB110 Accounting  
MGB334 Managing In A Changing Environment  
Double Major/Extended Major/Specialisation Unit  
Elective

**Year 3, Semester 1**

Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit  
Elective

**Year 3, Semester 2**

BSB111 Business Law And Ethics  
MGB309 Strategic Management  
Double Major/Extended Major/Specialisation Unit  
Elective

**Part-time Course Structure**

**Year 1, Semester 1**

BSB113 Economics  
BSB114 Government, Business And Society

**Year 1, Semester 2**

BSB115 Management, People And Organisations  
BSB122 Business Information Analysis And Communication

**Year 2, Semester 1**

MGB220 Management Research Methods  
MGB222 Managing Organisations

**Year 2, Semester 2**

BSB119 International And Electronic Business  
MGB211 Organisational Behaviour

**Year 3, Semester 1**

BSB110 Accounting  
Double Major/Extended Major/Specialisation Unit

**Year 3, Semester 2**

BSB126 Marketing  
MGB210 Production And Service Management

**Year 4, Semester 1**

BSB111 Business Law And Ethics  
MGB334 Managing In A Changing Environment

**Year 4, Semester 2**

Double Major/Extended Major/Specialisation Unit  
Elective

**Year 5, Semester 1**

Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

**Year 5, Semester 2**

Double Major/Extended Major/Specialisation Unit  
Elective

**Year 6, Semester 1**

MGB309 Strategic Management  
Double Major/Extended Major/Specialisation Unit

**Year 6, Semester 2**

Elective  
Elective

**Full-time Extended Major in Management**

**Year 1, Semester 1**

BSB115 Management, People And Organisations  
BSB119 International And Electronic Business  
BSB122 Business Information Analysis And Communication  
BSB126 Marketing

**Year 1, Semester 2**

BSB113 Economics  
BSB114 Government, Business And Society  
MGB220 Management Research Methods  
MGB222 Managing Organisations

**Year 2, Semester 1**

MGB210 Production And Service Management  
MGB211 Organisational Behaviour  
MGB216 Managing Technology, Innovation And Knowledge  
Elective

**Year 2, Semester 2**

BSB110 Accounting  
MGB334 Managing In A Changing Environment  
Extended Major Option Unit  
Elective

**Year 3, Semester 1**

MGB314 Organisational Consulting And Change  
MGB312 Negotiation Skills  
Extended Major Option Unit  
Elective

**Year 3, Semester 2**

BSB111 Business Law And Ethics  
MGB309 Strategic Management  
MGB315 Personal And Professional Development  
Elective

**Extended Major Option Units**

Students need to complete, either:

ITB233 Enterprise Systems Applications  
OR  
MGB335 Project Management  
AND either:  
MGB218 Venture Skills  
OR  
MGB223 Creating New Enterprises



\*Students with a double major in HRM or E-Business should contact the School for enrolment advice

### Part-time Extended Major in Management

#### Year 1, Semester 1

BSB113 Economics  
BSB114 Government, Business And Society

#### Year 1, Semester 2

BSB115 Management, People And Organisations  
BSB122 Business Information Analysis And Communication

#### Year 2, Semester 1

MGB220 Management Research Methods  
MGB222 Managing Organisations

#### Year 2, Semester 2

BSB119 International And Electronic Business  
MGB211 Organisational Behaviour

#### Year 3, Semester 1

BSB110 Accounting  
MGB216 Managing Technology, Innovation And Knowledge

#### Year 3, Semester 2

BSB126 Marketing  
MGB210 Production And Service Management

#### Year 4, Semester 1

BSB111 Business Law And Ethics  
MGB334 Managing In A Changing Environment

#### Year 4, Semester 2

MGB314 Organisational Consulting And Change  
Elective

#### Year 5, Semester 1

MGB312 Negotiation Skills  
Extended Major Option Unit

#### Year 5, Semester 2

Extended Major Option Unit  
Elective

#### Year 6, Semester 1

MGB309 Strategic Management  
MGB315 Personal And Professional Development

#### Year 6, Semester 2

Elective  
Elective

#### Extended Major Option Units

Students need to complete either:

ITB827 Fundamentals Of Enterprise Systems  
OR

MGB335 Project Management  
AND either:

MGB218 Venture Skills  
OR

MGB223 Creating New Enterprises

\*Students with a double major in HRM or E-Business should contact the School for enrolment advice

## ■ Bachelor of Business (Marketing) (BS56)

**Award title:** Bachelor of Business (Marketing)

**CRICOS code:** 003419G

**Location:** Gardens Point

**Course duration (full-time):** 3 Years

**Course duration (part-time):** 6 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Mr Andrew Paltridge

**Discipline coordinator:** Dr Marilyn Healy

#### Other Majors

See also separate entries for the following majors in this course: Accountancy, Advertising, Banking and Finance, Economics, Electronic Business, Human Resource Management, International Business, Management, and Public Relations.

#### Professional Membership

Graduates may meet requirements for membership of a number of professional bodies including the Australian Marketing Institute, the Market Research Society of Australia, the Australian Institute of Management, the American Marketing Association and the Australasian Institute of Export.

### Full-time Course structure

#### Year 1, Semester 1

BSB114 Government, Business And Society  
BSB119 International And Electronic Business  
BSB122 Business Information Analysis And Communication  
BSB126 Marketing

#### Year 1, Semester 2

AMB200 Consumer Behaviour  
AMB240 Marketing Planning And Management  
BSB115 Management, People And Organisations  
Double Major/Extended Major/Specialisation unit

#### Year 2, Semester 1

AMB201 Market And Audience Research  
BSB110 Accounting  
Double Major/Extended Major/Specialisation unit  
Double Major/Extended Major/Specialisation unit

#### Year 2, Semester 2

AMB241 E-Marketing Strategies  
BSB111 Business Law And Ethics  
BSB113 Economics  
Double Major/Extended Major/Specialisation unit

#### Year 3, Semester 1

AMB340 Services Marketing  
Double Major/Extended Major/Specialisation unit  
Elective  
Elective

#### Year 3, Semester 2

AMB341 Strategic Marketing  
Double Major/Extended Major/Specialisation unit  
Elective  
Elective

### Part-time Course structure

#### Year 1, Semester 1

BSB122 Business Information Analysis And Communication  
BSB126 Marketing

#### Year 1, Semester 2

BSB114 Government, Business And Society  
BSB119 International And Electronic Business

#### Year 2, Semester 1

AMB200 Consumer Behaviour  
AMB240 Marketing Planning And Management

#### Year 2, Semester 2

BSB115 Management, People And Organisations  
Double Major/Extended Major/Specialisation unit

#### Year 3, Semester 1

BSB110 Accounting  
Double Major/Extended Major/Specialisation unit

#### Year 3, Semester 2

AMB201 Market And Audience Research  
Double Major/Extended Major/Specialisation unit

#### Year 4, Semester 1

AMB241 E-Marketing Strategies  
BSB111 Business Law And Ethics

#### Year 4, Semester 2

AMB340 Services Marketing  
BSB113 Economics

#### Year 5, Semester 1

AMB341 Strategic Marketing  
Double Major/Extended Major/Specialisation unit

#### Year 5, Semester 2

Double Major/Extended Major/Specialisation unit  
Elective

#### Year 6, Semester 1

Double Major/Extended Major/Specialisation unit  
Elective

#### Year 6, Semester 2

Elective  
Elective

### Full-time Extended Major in Marketing

#### Year 1, Semester 1

BSB114 Government, Business And Society  
BSB119 International And Electronic Business  
BSB122 Business Information Analysis And Communication  
BSB126 Marketing

#### Year 1, Semester 2

BSB115 Management, People And Organisations  
AMB200 Consumer Behaviour

AMB240 Marketing Planning And Management  
Extended Major Unit

**Year 2, Semester 1**

BSB110 Accounting  
AMB201 Market And Audience Research  
Extended Major Unit  
Extended Major Unit

**Year 2, Semester 2**

AMB241 E-Marketing Strategies  
BSB111 Business Law And Ethics  
BSB113 Economics  
Extended Major Unit

**Year 3, Semester 1**

AMB340 Services Marketing  
Extended Major Unit  
Elective  
Elective

**Year 3, Semester 2**

AMB341 Strategic Marketing  
Extended Major Unit  
Elective  
Elective

**Part-time Extended Major in Marketing**

**Year 1, Semester 1**

BSB122 Business Information Analysis And Communication  
BSB126 Marketing

**Year 1, Semester 2**

BSB114 Government, Business And Society  
BSB119 International And Electronic Business

**Year 2, Semester 1**

AMB200 Consumer Behaviour  
AMB240 Marketing Planning And Management

**Year 2, Semester 2**

BSB115 Management, People And Organisations  
Extended Major Unit

**Year 3, Semester 1**

BSB110 Accounting  
Extended Major Unit

**Year 3, Semester 2**

AMB201 Market And Audience Research  
Extended Major Unit

**Year 4, Semester 1**

AMB241 E-Marketing Strategies  
BSB111 Business Law And Ethics

**Year 4, Semester 2**

AMB340 Services Marketing  
BSB113 Economics

**Year 5, Semester 1**

AMB341 Strategic Marketing  
Extended Major Unit

**Year 5, Semester 2**

Extended Major Unit  
Elective

**Year 6, Semester 1**

Extended Major Unit  
Elective

**Year 6, Semester 2**

Elective  
Elective

**Marketing Extended Major Units**

AMB202 Integrated Marketing Communication  
AMB220 Advertising Theory And Practice  
AMB250 Business To Business Marketing  
AMB251 Innovation And Market Development  
AMB260 Public Relations Theory And Practice  
AMB310 Internship  
AMB350 Relationship And Sales Management  
AMB351 Tourism Marketing  
AMB352 Marketing Decision Making  
AMB353 Retail Marketing  
AMB354 Events Marketing  
IBB213 International Marketing

**■ Bachelor of Business (Public Relations) (BS56)**

**Award title:** Bachelor of Business (Public Relations)

**CRICOS code:** 003419G

**Location:** Gardens Point

**Course duration (full-time):** 3 Years

**Course duration (part-time):** 6 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Mr Andrew Paltridge

**Discipline coordinator:** Ms Robina Xavier

**Other Majors**

See also separate entries for the following majors in this course:

Accountancy, Advertising, Banking and Finance, Economics, Electronic Business, Human Resource Management, International Business, Management, and Marketing.

**Professional Recognition**

The Bachelor of Business with a major in public relations has been accredited with the Public Relations Institute of Australia since 1990.

**Full-time Course structure**

**Year 1, Semester 1**

BSB114 Government, Business And Society  
BSB119 International And Electronic Business  
BSB122 Business Information Analysis And Communication  
BSB126 Marketing

**Year 1, Semester 2**

BSB115 Management, People And Organisations  
AMB260 Public Relations Theory And Practice  
Double Major/Extended Major/Specialisation unit  
Double Major/Extended Major/Specialisation unit

**Year 2, Semester 1**

BSB110 Accounting  
AMB201 Market And Audience Research  
AMB261 Media Relations And Publicity  
Double Major/Extended Major/Specialisation unit

**Year 2, Semester 2**

AMB262 Public Relations Writing  
BSB111 Business Law And Ethics  
BSB113 Economics  
Double Major/Extended Major/Specialisation unit

**Year 3, Semester 1**

AMB360 Corporate Communication Management  
Double Major/Extended Major/Specialisation unit  
Elective  
Elective

**Year 3, Semester 2**

AMB361 Public Relations Campaigns  
Double Major/Extended Major/Specialisation unit  
Elective  
Elective

**Part-time Course structure**

**Year 1, Semester 1**

BSB122 Business Information Analysis And Communication  
BSB126 Marketing

**Year 1, Semester 2**

BSB114 Government, Business And Society  
BSB119 International And Electronic Business

**Year 2, Semester 1**

AMB260 Public Relations Theory And Practice  
Double Major/Extended Major/Specialisation unit

**Year 2, Semester 2**

AMB261 Media Relations And Publicity  
BSB115 Management, People And Organisations

**Year 3, Semester 1**

BSB110 Accounting  
Double Major/Extended Major/Specialisation unit

**Year 3, Semester 2**

AMB201 Market And Audience Research  
Double Major/Extended Major/Specialisation unit

**Year 4, Semester 1**

AMB262 Public Relations Writing

BSB111 Business Law And Ethics  
**Year 4, Semester 2**  
 AMB360 Corporate Communication Management  
 BSB113 Economics  
**Year 5, Semester 1**  
 AMB361 Public Relations Campaigns  
 Double Major/Extended Major/Specialisation unit  
**Year 5, Semester 2**  
 Double Major/Extended Major/Specialisation unit  
 Elective  
**Year 6 Semester 1**  
 Double Major/Extended Major/Specialisation unit  
 Elective  
**Year 6, Semester 2**  
 Elective  
 Elective

**Full-time Extended Major in Public Relations**

**Year 1, Semester 1**  
 BSB114 Government, Business And Society  
 BSB119 International And Electronic Business  
 BSB122 Business Information Analysis And Communication  
 BSB126 Marketing  
**Year 1, Semester 2**  
 AMB260 Public Relations Theory And Practice  
 BSB115 Management, People And Organisations  
 Plus any two units offered by the School of Advertising  
 Marketing and Public Relations  
**Year 2, Semester 1**  
 BSB110 Accounting  
 AMB201 Market And Audience Research  
 AMB202 Integrated Marketing Communication  
 AMB261 Media Relations And Publicity  
**Year 2, Semester 2**  
 AMB262 Public Relations Writing  
 BSB111 Business Law And Ethics  
 BSB113 Economics  
 Plus any unit offered by the School of Advertising Marketing  
 and Public Relations  
**Year 3, Semester 1**  
 AMB360 Corporate Communication Management  
 AMB370 Public Relations Cases  
 Elective  
 Elective  
**Year 3, Semester 2**  
 AMB361 Public Relations Campaigns  
 AMB371 Corporate Communication Strategies  
 Elective  
 Elective

**Part-time Extended Major in Public Relations**

**Year 1, Semester 1**  
 BSB122 Business Information Analysis And Communication  
 BSB126 Marketing  
**Year 1, Semester 2**  
 BSB114 Government, Business And Society  
 BSB119 International And Electronic Business  
**Year 2, Semester 1**  
 AMB202 Integrated Marketing Communication  
 AMB260 Public Relations Theory And Practice  
**Year 2, Semester 2**  
 AMB261 Media Relations And Publicity  
 BSB115 Management, People And Organisations  
**Year 3, Semester 1**  
 BSB110 Accounting  
 Any unit offered by the School of Advertising Marketing and  
 Public Relations  
**Year 3, Semester 2**  
 AMB201 Market And Audience Research  
 Any unit offered by the School of Advertising Marketing and  
 Public Relations  
**Year 4, Semester 1**  
 AMB262 Public Relations Writing  
 BSB111 Business Law And Ethics  
**Year 4, Semester 2**  
 BSB113 Economics  
 AMB360 Corporate Communication Management  
**Year 5, Semester 1**  
 AMB361 Public Relations Campaigns

AMB370 Public Relations Cases  
**Year 5, Semester 2**  
 AMB371 Corporate Communication Strategies  
 Elective  
**Year 6, Semester 1**  
 Any unit offered by the School of Advertising Marketing and  
 Public Relations  
 Elective  
**Year 6, Semester 2**  
 Elective  
 Elective

**Management Certificate Program (Undergraduate) (BS20)**

**Location:** Gardens Point and Carseldine  
**Course duration (full-time):** 1 Semester  
**Course duration (part-time):** 1 Year  
**Total credit points:** 48  
**Standard credit points per semester (full-time):** 48  
**Standard credit points per semester (part-time):** 24  
**Course coordinator:** Tilly Brasch (Program Administrator)

**Entry requirements**

Applicants must have:

- Completed year 12 studies or completed year 10 plus a trade qualification (or an equivalent level of achievement); and
- Completed the equivalent of a minimum of 12 months full-time work experience (either paid or unpaid).

**Course structure**

**(BAC) Business Accounting**  
 Compulsory  
 AYB121 Financial Accounting  
 BSB110 Accounting  
 Plus two of the following electives:  
 AYB221 Computerised Accounting Systems  
 AYB225 Management Accounting  
 BSB111 Business Law And Ethics  
 BSB113 Economics  
 BSB114 Government, Business And Society  
 BSB115 Management, People And Organisations  
 BSB119 International And Electronic Business  
 BSB122 Business Information Analysis And Communication  
 BSB126 Marketing  
 EFB101 Data Analysis For Business  
**(BUS) Business Management**  
 BSB115 Management, People And Organisations  
 Plus one of the following electives:  
 BSB110 Accounting  
 BSB111 Business Law And Ethics  
 BSB113 Economics  
 BSB114 Government, Business And Society  
 BSB119 International And Electronic Business  
 BSB122 Business Information Analysis And Communication  
 BSB126 Marketing  
 MGB207 Human Resource Issues And Strategy  
 MGB211 Organisational Behaviour  
 MGB220 Management Research Methods  
 MGB222 Managing Organisations  
 Plus any two Bachelor of Business degree units.  
**(FIN) Financial Management**  
 BSB110 Accounting  
 BSB113 Economics  
 EFB102 Economics 2  
 EFB210 Finance 1  
**(INB) International Business**  
 Compulsory  
 BSB119 International And Electronic Business  
 IBB211 Globalisation And Business  
 Plus two of the following electives:  
 BSB110 Accounting  
 BSB111 Business Law And Ethics  
 BSB113 Economics  
 BSB114 Government, Business And Society  
 BSB115 Management, People And Organisations  
 BSB122 Business Information Analysis And Communication

BSB126	Marketing
IBB210	Export Management
<b>(MKT) Marketing</b>	
	Compulsory
AMB200	Consumer Behaviour
AMB240	Marketing Planning And Management
BSB126	Marketing
	Plus one of the following electives:
BSB110	Accounting
BSB111	Business Law And Ethics
BSB113	Economics
BSB114	Government, Business And Society
BSB115	Management, People And Organisations
BSB119	International And Electronic Business
BSB122	Business Information Analysis And Communication

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## Section Three – Course Information

# Creative Industries

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## OVERVIEW

QUT Creative Industries has a distinctive reputation, nationally and throughout the Asia-Pacific region, for its strong vocational focus, links with industry, and breadth of course offerings throughout a growing and changing industry sector.

Exciting creative industries study areas include:

- Communication Design
- Creative Writing and Cultural Studies
- Dance
- Drama
- Fashion
- Film and Television
- Journalism
- Media Communication
- Music and Sound
- Visual Arts

With common core creative industries studies covering critical knowledge and skills, four types of degree programs are offered:

- studio/practice-based Bachelor of Fine Arts in the performing, creative and media production areas
- professional Bachelor degrees with a strong applied industry focus
- inter-faculty Bachelor degrees, the accelerated double degrees with the faculties of Education, Business, Law and information Technology
- a new interdisciplinary Bachelor of Creative Industries

In all cases new technologies are incorporated to enhance the learning experience, and as enablers in writing, design, production and performance.

QUT's Cultural Precinct at the Gardens Point campus, consisting of the main-stage Gardens Theatre and the Arts Museum, provides an ideal professional showcase for many final-year students.

The Creative Industries Faculty's own specialist studio and production facilities include rehearsal and performance spaces, digital edit suites, TV and radio newsrooms, film studios and multimedia production labs. From 2004 the multi-million dollar integrated educational, commercial and residential Creative Industries Precinct at the Kelvin Grove campus will allow students to be part of the creative hub for South-East Queensland.

Strong international links with Asia, the United States and Europe broaden students' cultural experiences through touring productions, study exchange programs and reporting trips, and further increase employment opportunities in a global market. Industry connections are fostered through mentor schemes, internships, professional practice placements, joint projects and advisory boards.

## SENIOR STAFF

### Faculty Office

*Dean:* Professor J. Hartley, BA(Hons) *Wales*, PhD *Murdoch*, D.Litt *Wales*, FRSA

*Faculty Administration Manager:* E.D. Harding, BA *Qld*

*Director Academic Programs and Staffing:* Dr Wayne Hindsley, BA, MA, PhD

### Acting and Technical Production

*Head:* Diane Eden, BA *Qld*

### Communication Design

*Head:* G. Sade, BMus

Creative Writing and Cultural Studies

*Associate Professor:* P. M. Neilsen, BA(Hons) MA, PhD *Qld*, ASA

### Dance

*Head:* Associate Professor C.F. Stock, BA(Hons) *Flinders*, PhD *QUT*

### Film and Television Production

*Discipline Head:* Mr J. Hookham, BA (Hons) MA, Dip. ATFM (LIFS)

### Journalism

*Discipline Head:* Michael Bromley, BA(Hons) *CNA*, MA *Yale*

### Media Communications

*Discipline Head:* T. Flew, BEc (Hons) MEd *Sydney*, PhD *Griffith*, GradCertHigherEd *QUT*

### Music

*Head:* Associate Professor A. Arthurs, BMus - Tonmeister (Hons) *Surrey*

### Theatre Studies

*Head of Theatre and Teaching Studies:* J. Martin, Dip T *Kelvin Grove*, BA PhD *Stockholm*, LTCL

### Visual Arts

*Head:* D. Fitzpatrick, BA(Visual Arts) *Alexander Mackie College of Art, Sydney*, GradDip Prof Art Practice, *City ArtInstitute, Sydney*, Bachelor of Letters with Honours (Philosophy), *Deakin*, MFA (Research), *College of Fine Arts, UNSW*.

## RESEARCH CENTRES

### Creative Industries Research and Applications Centre

Queensland University of Technology's Creative Industries Research and Applications Centre - CIRAC - focuses on the research and applications needs of the creative industries at the local, state, national and international level. CIRAC is the home for research and innovation development programs for the Creative Industries Faculty.

In 2003 CIRAC offers the new professional doctorate award, a research degree by course work, aimed at candidates with a substantial body of professional practice.

CIRAC aims to:

- map the growth and dynamics of the sector to show the extent and value of the creative industries in Australia and overseas
- assist the growth and diversification of creative applications in the new information economy, providing know-how to partners from government to micro-business
- develop creative IP for commercialisation, and cutting-edge industry oriented research
- contribute to the development of the Creative Industries Precinct, working with co-locating partners
- establish a research centre in Interaction Design dedicated to R&D leadership in this emergent industry sector.

## ■ Doctor of Creative Industries (KK49)

**Award title:** Doctor of Creative Industries

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** Normal enrolment is 6 semesters - this can vary depending on entry requirements.

**Total credit points:** 72

**Course coordinator:** Dr Brad Haseman

### Entry Requirements

A four year degree or its equivalent with First Class Honours or Honours IIA or a masters degree in a field relevant to the professional doctorate in creative industries AND two years practice at an advanced level in a position of influence in the creative industries.

OR

Five years practice at an advanced level in a position of responsibility in the creative industries with an accompanying portfolio of achievement which demonstrates the applicant's capacity to work at a doctoral level.

Outstanding leaders in the creative industries who have not had the opportunity to pursue postgraduate study may seek advanced standing into the course and receive credit for up to two semesters of the course.

### Course Structure

The course comprises two components - coursework and professional projects.

Course work is taken at the beginning of candidature and provides candidates with the essential conceptual tools they need for doctoral level analysis and reflection on their professional practice and related contextual factors. Candidates will design, implement and evaluate a number of professional projects during the period of their candidature. The scale, scope and focus of these projects will be determined in consultation with supervisors.

### Project Track

#### Year 1, Semester 1

KKN020 Research Methods In Visual And Performing Arts

KKN061 The Reflective Practitioner  
Elective 1

#### Year 1, Semester 2

KKN071 Creative Industries Conference 1

KKN065 Project Development in the Creative Industries  
Elective 2

GSN442 Project Management 1

GSN443 Project Management 2

#### Year 2, Semester 1

KKN300-1 DCI Professional Project 1

KKN300-2 DCI Professional Project 1

KKN300-3 DCI Professional Project 1

KKN300-4 DCI Professional Project 1

#### Year 2, Semester 2

KKN400-1 DCI Professional Project II

KKN400-2 DCI Professional Project II

KKN400-3 DCI Professional Project II

KKN400-4 DCI Professional Project II

#### Year 3, Semester 1

KKN500-1 DCI Final Professional Project

KKN500-2 DCI Final Professional Project

KKN500-3 DCI Final Professional Project

KKN500-4 DCI Final Professional Project

#### Year 3, Semester 2

KKN500-5 DCI Final Professional Project

KKN500-6 DCI Final Professional Project

KKN500-7 DCI Final Professional Project

KKN500-8 DCI Final Professional Project

### Extended Coursework Track

#### Year 1, Semester 1

KKN020 Research Methods In Visual And Performing Arts

KKN061 The Reflective Practitioner 1  
Elective 1

#### Year 1, Semester 2

KKN071 Creative Industries Conference 1

KKN065 Project Development in the Creative Industries  
Elective 2

GSN442 Project Management 1

GSN443 Project Management 2

#### Year 2, Semester 1

KKN300-1 DCI Professional Project 1

KKN300-2 DCI Professional Project 1

KKN300-3 DCI Professional Project 1

KKN300-4 DCI Professional Project 1

#### Year 2, Semester 2

KKN062 The Reflective Practitioner 2

Elective 3

Elective 4

KKN500-1 DCI Final Professional Project

#### Year 3, Semester 1

KKN500-2 DCI Final Professional Project

KKN500-3 DCI Final Professional Project

KKN500-4 DCI Final Professional Project

KKN500-5 DCI Final Professional Project

#### Year 3, Semester 2

KKN500-6 DCI Final Professional Project

KKN500-7 DCI Final Professional Project

KKN500-8 DCI Final Professional Project

KKN072 Creative Industries Conference 2

## ■ Master of Arts (Research) (KK51)

**Award title:** Master of Arts (Research)

**CRICOS code:** 040331E

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** Entry with 3 year qualification 1.5 years full-time; Entry with 4 year qualification (Honours) 1 year full-time

**Course duration (part-time):** Entry with 3 year qualification 3 years part-time; Entry with 4 year qualification (Honours) 2 years part-time

**Total credit points:** 3-year qualified entry: 144; 4 year qualified entry: 96

**Standard credit points per semester (full-time):** 48 Credit Points Full-time

**Standard credit points per semester (part-time):** 24 Credit Points Part-time

**Course coordinator:** Dr Brad Haseman, Room L210, Kelvin Grove Campus

### Entry Requirements

For entry into the coursework plus research program, applicants must have a 3 year bachelor degree or equivalent.

For entry into the research-only program, applicants must have a 3 year bachelor degree plus honours, or a 3 year bachelor degree plus graduate diploma or equivalent.

### Course Structure

- For those with a three-year degree the MA (Research) normally comprises 48 credit points of coursework and a 96 credit point research project.
- For those with a four-year degree it normally comprises a 96 credit point research project. However, with the approval of the postgraduate studies coordinator it is possible to instead enrol in 12cp course work plus 84cp research project; or 24cp coursework plus 72cp research project.

### Research Component

Depending on the discipline, the research component may be undertaken either as a research thesis of 30,000 words, or as a creative practice-based project with an exegesis or written component (7,500-10,000 words).

Students can undertake:

- a significant creative work such as a theatrical or musical production
- a work of fiction or non-fiction
- a screen-based script or production

- a multimedia script or production.

Any project likely to involve University resources must have the support of the appropriate Head of Discipline.

### All Disciplines - with 4-year qualified entry

#### Semester 1

KKN007/1 Research Project 1  
KKN007/2 Research Project 2  
KKN007/3 Research Project 3  
KKN007/4 Research Project 4

#### Semester 2

KKN007/5 Research Project 5  
KKN007/6 Research Project 6  
KKN007/7 Research Project 7  
KKN007/8 Research Project 8

### Dance, Drama, Music, Visual Arts, Communication Design - with 3-year qualified entry

#### Semester 1

KVB004 Contemporary Aesthetic Debates  
KKN020 Research Methods In Visual And Performing Arts  
KKN007/1 Research Project 1  
KKN007/2 Research Project 2

#### Semester 2

KKN007/3 Research Project 3  
KKN007/4 Research Project 4  
KKN007/5 Research Project 5  
Elective

#### Semester 3

KKN200 Graduate Seminar  
KKN007/6 Research Project 6  
KKN007/7 Research Project 7  
KKN007/8 Research Project 8

### Creative Writing, Cultural Studies, Film & TV, Journalism, Media Studies - with 3-year qualification

#### Semester 1

KKP391 Media Research Methods  
Plus Select THREE units from:  
KWP103 Creative Writing Theory  
KPP104 Film And Television Production Theory  
KJP105 Theories Of Journalism  
KCP110 Media Theory and Policy

#### Semester 2

KKN007/1 Research Project 1  
KKN007/2 Research Project 2  
KKN007/3 Research Project 3  
KKN007/4 Research Project 4

#### Semester 3

KKN007/5 Research Project 5  
KKN007/6 Research Project 6  
KKN007/7 Research Project 7  
KKN007/8 Research Project 8

## ■ Master of Creative Industries (Communication Design) (KI43)

**Award title:** Master of Communication Design

**CRICOS code:** 031870G

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Semesters

**Course duration (part-time):** 6 Semesters

**Total credit points:** 144

**Course coordinator:** Gavin Sade

### Entry Requirements

An approved degree in a related study area from a recognised tertiary institution with a GPA of 5.0 or greater; OR

An approved degree in an unrelated study area from a recognised tertiary institution with a GPA of 5.0 or greater combined with either:

- professional recognition through an equivalent course of study or examination; and/or
- evidence of qualifications (eg recognised prior learning); and/or
- at least two years appropriate full time work experience.

Related areas of study include the fields of media communication, visual arts, design, the arts or information technology. It should be noted that this course is not suitable for applicants from directly cognate fields of study eg multimedia design, computer graphics and animation.

### Full-time Course structure

#### Semester 1

Core Unit  
Core Unit  
Elective from List A  
Elective from List A

#### Semester 2

Core Unit  
Core Unit OR Elective from List A or B  
Project  
Project

#### Semester 3

Core Unit OR Elective from List A, B, C  
Core Unit OR Elective from List A, B, C  
Project  
Project

### Part-time Course structure

#### Semester 1

Core Unit  
Core Unit

#### Semester 2

Core Unit  
Elective from List A

#### Semester 3

Core Unit  
Elective from List A

#### Semester 4

Elective from List A, B, C  
Elective from List A, B, C

#### Semester 5

Project  
Project

#### Semester 6

Project  
Project

### Core Units

KIN818 Introduction To Digital Media Technologies  
KIN816 Information Design  
KCP295 Virtual Cultures  
KCP336 New Media Technologies

### List A - Electives (entry level units)

Please check semester of offering and prerequisites for units listed below before enrolling. Students who wish to select from outside those listed below must gain the approval of the Course Coordinator.

KVB755 Drawing for Animation 1  
KIB825 The History of Animation  
KIN808 Visual Interactions  
KIN817 Project Management  
KIN819 Electronic Publishing  
KIB808 Media Technology 2

### List B - Electives (Intermediate Level units)

Please check semester of offering and prerequisites for units listed below before enrolling. Students who wish to select from outside those listed below must gain the approval of the Course Coordinator.

KIB803 Temporal Media  
KIB804 3-D Animation 1  
KIN809 Interaction Design  
KIN810 Information Architecture

### List C - Electives (Advanced Level Units)

KIB815 Interaction Design 2  
KIB820 3-D Animation 2  
KIB822 Interaction Design 3  
KIB824 3-D Animation 3  
KIB821 Virtual Reality

### Project/Placement

#### Option 1: 48 Credit Point Project

KIN851-1 Design Project  
KIN851-2 Design Project



KIN851-3 Design Project  
KIN851-4 Design Project

**Option 2: 24 Credit Point Project & Professional Placement**

KIN852-1 Design Project\*  
KIN852-2 Design Project\*  
KCP356 Creative Industries Placement 1  
KCP357 Creative Industries Placement 2

\*This unit is subject to final Faculty approval

**Option 3: 24 Credit Point Project & 2 Electives from List B or C**

KIN852-1 Design Project\*  
KIN852-2 Design Project\*  
Elective from List B or C  
Elective from List B or C

\*This unit is subject to final Faculty approval

**Master of Creative Industries (Dance Teaching) (KD42)**

**Award title:** Master of Creative Industries

**Location:** External

**Course duration (full-time):** 3 semesters and summer

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Ms Jude Smith

**Entry Requirements**

A relevant degree or diploma and at least 12 months of dance teaching experience equivalent to 150 hours.

OR

Significant performance experience with a recognised professional dance company for at least five years, and at least 12 months of dance teaching experience equivalent to 150 hours

OR

significant and demonstrable longstanding reputation as a dance teacher.

**Course structure**

Students are required to complete 10 units. There are nine core units and one elective unit. It is recommended that students complete the units The Reflective Practitioner 1 and Professional Practice Project in the final semester/s of the course.

**Full-time students**

In the first year of the course students should select three to four units from both First and Second Semester, and both units in the Summer Program.

**Part-time students**

Select two units from both First and Second Semester, and either one or both units in the Summer Program.

**Semester 1**

KDP104 Safe Dance Practice  
KDP105 Dance Analysis and Dance Histories  
KDP189 Dance Assessment and Reporting Procedures  
KDP190 Professional Practice and Business Administration for Dance Teachers  
KDP191 Dance Teaching Methodologies  
KDP192 Stagecraft and Costume Design for Dance (Elective)  
KDN001 The Reflective Practitioner 1  
KDN002 Professional Practice Project

**Semester 2**

KDP104 Safe Dance Practice  
KDP105 Dance Analysis and Dance Histories  
KDP189 Dance Assessment and Reporting Procedures  
KDP190 Professional Practice and Business Administration for Dance Teachers  
KDP191 Dance Teaching Methodologies  
KDP192 Stagecraft and Costume Design for Dance (Elective)  
KDN001 The Reflective Practitioner 1  
KDN002 Professional Practice Project

**Summer Program**

KDP180 Dance Teaching Studies 1 (residency)  
KDP181 Dance Teaching Studies 2 (residency)

**Master of Creative Industries (Drama Teaching) (KT42)**

**Award title:** Master of Creative Industries (Drama Teaching)

**Location:** Kelvin Grove

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Course coordinator:** Dr Brad Haseman

**Course aims**

The aim of this course is to address the professional development of drama teachers in Queensland. Teachers will be able to select from units which upgrade their knowledge and skills in drama as an arts discipline as well as units that deal with the specifics of drama teaching, curriculum design and implementation.

**Entry Requirements**

An appropriate Bachelor degree or a Diploma and at least one year's professional experience working as a drama teacher approved by the course coordinator.

A maximum of 48cp advanced standing will be granted to applicants with an honours degree in Drama or a four year undergraduate degree in drama education.

**Full-time Course Structure**

**Year 1, Semester 1**

Choose two of the following CORE units  
KTN001 Performing Narratives  
KTN002 Contemporary Performance  
KTN003 Applying Information Technology in the Drama Classroom  
KTN004 Teaching Drama from 1-10  
KTN005 Implementing Drama From 1-10  
Two units taken from List A

**Year 1, Semester 2**

Choose one of the following CORE units  
KTN001 Performing Narratives  
KTN002 Contemporary Performance  
KTN003 Applying Information Technology in the Drama Classroom  
KTN004 Teaching Drama from 1-10  
KTN005 Implementing Drama From 1-10  
Three units taken from List A OR two units from List A and one unit from List B

**Year 2, Semester 1**

Two units taken from List A OR one unit from List A and one unit from List B  
KTN006 Drama Project

**Part-time Course Structure**

**Year 1, Semester 1**

Choose one of the following CORE units  
KTN001 Performing Narratives  
KTN002 Contemporary Performance  
KTN003 Applying Information Technology in the Drama Classroom  
KTN004 Teaching Drama from 1-10  
KTN005 Implementing Drama From 1-10  
Plus One unit taken from List A

**Year 1, Semester 2**

Choose one of the following CORE units  
KTN001 Performing Narratives  
KTN002 Contemporary Performance  
KTN003 Applying Information Technology in the Drama Classroom  
KTN004 Teaching Drama from 1-10  
KTN005 Implementing Drama From 1-10  
Plus One unit taken from List A

**Year 2, Semester 1**

Choose one of the following CORE units  
KTN001 Performing Narratives  
KTN002 Contemporary Performance  
KTN003 Applying Information Technology in the Drama Classroom  
KTN004 Teaching Drama from 1-10  
KTN005 Implementing Drama From 1-10  
Plus One unit taken from List A

**Year 2, Semester 2**

Select ONE of the following combinations:  
Two units from List A  
OR

One unit from List A and one unit from List B

**Year 3, Semester 1**

Select ONE of the following combinations:

Two units from List A

OR

One unit from List A and one unit from List B

**Year 3, Semester 2**

KTN006 Drama Project

**List A - Electives**

- KKB057 Independent Study
- KTB061 Arts Business Management
- KTB214 Process Drama
- KTB252 The Sound Of Theatre
- KTB253 Staging Australia
- KTB275 Understanding Performance
- KTB277 Physical Theatre
- KKN020 Research Methods In Visual And Performing Arts
- KTB278 Technical Theatre
- KTB306 Directing For Theatre
- KTB310 Studies In Acting 3
- KKN020 Research Methods In Visual And Performing Arts
- KTB208 Elements Of Drama
- KSB278 Technical Theatre
- KTB062 Arts Event Promotion And Public Relations
- KTB258 Studies In Acting 2
- KTB272 Drama And Community Cultural Development
- KTB280 Drama As Social Action
- KTB307 Writing For Performance

\*Available in Graduate Certificate only

**List B - Electives**

- KCB295 Virtual Cultures
- KDX104 Architecture Of The Body
- KDB117 Dance In Education
- KIB813 Contemporary Issues In Technology Design
- KIN818 Introduction To Digital Media Technologies
- KMB631 World Music
- KVB702 Australian And Indigenous Art
- KVB444 Contemporary Asian Visual Culture
- KVB004 Contemporary Aesthetic Debates
- KVB447 Drawing
- KVB457 Sculpture
- KVP509 Photographic Media
- KWB229 Film And Television Scriptwriting
- KWB350 Creative Writing: Short Story
- KKB704 Indigenous Creative Industries
- KCB336 New Media Technologies
- KDB106 The Analysis Of Modern Dance
- KDB114 Australian Dance
- KIB814 Applications Of Design Technology
- KMB638 Sound And Image
- KMB648 The Music Scene
- KVB703 Video Art And Culture
- KVB704 Theories Of Spatial Culture

**■ Master of Fine Arts (KK42)**

**Award title:** Master of Fine Arts

**CRICOS code:** 016349F

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 1.5 years full-time (Acting Studio: 2 years full-time only), Visual Arts and Painting Studio students can opt to study over the Summer period which means completing the degree in one year.

**Course duration (part-time):** 3 years part-time

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Discipline coordinator:** Dance: Assoc Prof Cheryl Stock;  
Drama: Dr Jacqueline Martin; Music: Assoc Prof Andy Arthurs;  
Vis Arts: Mr Donal Fitzpatrick

**Entry Requirements**

A Bachelor degree, or equivalent, which may include substantial relevant professional experience.

**Suggested Full-time Course Structure - Independent Study**

**Semester 1**

- KKN011 Advance Professional Practice 1
- KKN012 Advanced Professional Practice 2  
Elective\*  
Elective

**Semester 2**

- KKN013 Advanced Professional Practice 3  
Elective  
Elective

**Semester 3**

- KKN010 MFA Project
- KKN010-2 MFA Project
- KKN010-3 MFA Project
- KKN010-4 MFA Project

\*It is advised that Dance students choose KKN058 Arts Research as an elective in the first semester

**Painting Studio**

Students undertake 144 credit points of approved units. Refer to your Discipline Coordinator for advice. Students can opt to study over the Summer period.

**Acting Studio**

**Year 1, Semester 1**

- KSB011 Music Theatre Skills
- KSB233 Voice And Movement 3
- KSB247 Acting 3

**Year 1, Semester 2**

- KSB012 Music Theatre Project
- KSB234 Voice And Movement 4
- KSB248 Acting 4

**Year 2, Semester 1**

- KSB235 Voice And Movement 5
- KSB255 Theatre Project 1

**Year 2, Semester 2**

- KSB256 Theatre Project 2

**■ Master of Music (KM42)**

**Award title:** Master of Music

**CRICOS code:** 034710M

**Location:** Kelvin Grove

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Course coordinator:** Assoc Prof Adrian Thomas

**Entry requirements**

Either a three-year degree or approved diploma in music from a university OR documentary evidence of a successful career as a professional musician, considered at least equivalent to a three-year degree. Prior to admission, you must submit, and have approved, your Project Proposal.

**By coursework and project:**

Eight 12 credit point units of which KMN609 Independent Project and one other asterisk unit must be undertaken, prior to two 24 cp Music Project units (KMN601, KMN602 Music Project 1, 2 inclusive). Alternatively, four or six 12 credit point units and three or four 24 credit point units respectively.

**By project**

This is of particular interest to professional musicians wishing to develop their practice significantly.

Two 12 credit point units undertaken prior to five 24 credit point Music Project units (KMN601- KMN605 Music Project 1-5 inclusive).

**Course Structure**

**Pathways:** *Music Composition for the Creative Industries*

- KMB619 Music And Sound Technology
- KMN610 Materials Of Music
- KMB638 Sound And Image
- KMN608 Composing For Moving Pictures
- KMB621 Sound Recording And Acoustics

KMB617	Arranging
KMB056	Professional Studies
KMN609	Independent Project
KMN601	Music Project 1
KMN602	Music Project 2

**Pathway: Music and Media Technologies**

KMB619	Music And Sound Technology
KMB621	Sound Recording And Acoustics
KMB635	Sound Media Musicianship
KMN613	Music And Sound For Digital Media
KMN606	Advanced Digital Recording
KKB818	Introduction To Multimedia Technology
KMB056	Professional Studies
KMN609	Independent Project
KMN601	Music Project 1
KMN602	Music Project 2

**Pathway: Instrumental Music Teaching**

KMN611	Multi-Instrumental Studies 1
KMN615	Advanced Conducting
KMP433	Music Curriculum Studies 2A
KMB619	Music And Sound Technology
KMN612	Multi-Instrumental Studies 2
KMN614	Teaching Music With Technology
KMP434	Music Curriculum Studies 1A
KMB639	Music Directing
KMN601	Music Project 1
KMN602	Music Project 2

**Masters by Project**

KMN601	Music Project 1
KMN602	Music Project 2
KMN603	Music Project 3
KMN604	Music Project 4
KMN605	Music Project 5

Elective

Elective

**Other music units available for selection**

KMB640	Sex Drugs Rock N Roll
KMB631	World Music
KMN607	Australian Music Culture
KMB638	Sound And Image
KMB623	Conducting

**■ Graduate Diploma in Creative Industries (Communication Design) (KI36)**

**Award title:** Graduate Diploma in Creative Industries

**CRICOS code:** 043123M

**Location:** Gardens Point

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Gavin Sade

**Entry Requirements**

A Bachelor degree from a recognised university with a GPA of 5.0 or higher; OR

Professional standing and successful professional practice relevant to digital media approved by the Course Coordinator and Dean of Faculty.

It is assumed all applicants have prior experience using Windows and/or Macintosh operating systems, word processing applications eg MS Word or WordPerfect, email and the Web. If applicants do not have such experience, it will be strongly recommended that they undertake an introductory computer literacy program before making an application.

**Overview**

The programs will provide you with an understanding of digital media technologies from industry, policy, cultural, historical and social perspectives, applied in practical projects. Units will deal with the technology and the content delivered by all forms of digital media, with specific focus on interactive multimedia and computer animation. Thus you will become conversant with

online media, information storage/distribution and retrieval using computer networks (the Internet), as well as the use of digital formats and technologies by the print and broadcast media and cinema. You will obtain not only workplace skills but also lifelong learning strategies. Through these you will become critically aware of the impacts of digital media, and the social, legal and ethical issues arising from their research, development, application/use and convergence at local, regional, national and international levels.

**Full-time Course Structure**

**Semester 1**

- Core Unit
- Core Unit
- Elective List A
- Elective List A

**Semester 2**

- Core Unit
- Core Unit
- Elective List A
- Elective List A

**Part-time Course Structure**

**Semester 1**

- Core Unit
- Core Unit

**Semester 2**

- Core Unit
- Elective from List A

**Semester 3**

- Core Unit
- Elective from List A

**Semester 4**

- Elective from List A or B
- Elective from List A or B

**Core Units**

KIN818	Introduction To Digital Media Technologies
KIN816	Information Design
KCP295	Virtual Cultures
KCP336	New Media Technologies

**List A - Electives (entry level units)**

Please check semester of offering and prerequisites for units listed below before enrolling. Students who wish to select from outside those listed below must gain the approval of the Course Coordinator.

KVB755	Drawing for Animation 1
KIB825	The History of Animation
KIN808	Visual Interactions
KIN817	Project Management
KIN819	Electronic Publishing
KIB808	Media Technology 2

**List B - Electives (Intermediate Level units)**

Please check semester of offering and prerequisites for units listed below before enrolling. Students who wish to select from outside those listed below must gain the approval of the Course Coordinator.

KIB803	Temporal Media
KIB804	3-D Animation 1
KIN809	Interaction Design
KIN810	Information Architecture

**■ Graduate Diploma in Creative Industries (Creative Writing) (KW36)**

**Award title:** Graduate Diploma in Creative Industries (Creative Writing)

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Entry Requirements**

A bachelor degree with a GPA of 5 or higher OR professional experience in the creative industries approved by the course coordinator.

### Entry with advanced standing

Up to two units credit may be given on the basis of prior equivalent study.

### Articulation

The Graduate Diploma is designed to articulate from the Graduate Certificate in Creative Industries (Creative Writing).

### Full-time Course Structure

#### Semester 1

- KWP103 Creative Writing: Genre and the Novel
- KWP104 Editing and Developing the Manuscript
- KWB350 Creative Writing: Short Story Elective

#### Semester 2

- KWB380 Creative Nonfiction: Life Writing
- KWB229 Film And Television Scriptwriting Elective
- Plus select on of the following units:
- KWB399 The Writing And Publishing Industry
- KWB314 Corporate Writing And Editing

### Part-time Course Structure

#### Semester 1

- KWP103 Creative Writing: Novel and Genre
- KWB350 Creative Writing: The Short Story

#### Semester 2

- KWB380 Creative Non-Fiction: Life-Writing
- KWB229 Film and Television Scriptwriting

#### Semester 3

- KWP104 Editing & Developing the Manuscript Elective

#### Semester 4

- Choose one from the following:
- KWB314 Corporate Writing And Editing
- KWB399 The Writing And Publishing Industry

## ■ Graduate Diploma in Creative Industries (Drama Teaching) (KT36)

**Award title:** Graduate Diploma in Creative Industries (Drama Teaching)

**Location:** Kelvin Grove

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Course coordinator:** Sandra Gattenhof

### Overview

Programs prepare you for the use of new media technologies in the classroom and their use in practical drama. You will extend your knowledge of drama in education both as an art form in its own right and as a means of enabling cross-curricular teaching and planning.

### Entry Requirements

A bachelor degree or a diploma and at least one year's professional experience working as a teacher in a school or studio setting.

### Full-time Course Structure

#### Year 1, Semester 1

- Choose two of the following CORE units:
- KTN001 Performing Narratives
- KTN002 Contemporary Performance
- KTN003 Applying Information Technology in the Drama Classroom
- KTN004 Teaching Drama from 1-10
- KTN005 Implementing Drama From 1-10
- Two units taken from List A OR one unit from List A and one unit from List B

#### Year 1, Semester 2

- Choose one of the following CORE units:
- KTN001 Performing Narratives
- KTN002 Contemporary Performance
- KTN003 Applying Information Technology in the Drama Classroom
- KTN004 Teaching Drama from 1-10
- KTN005 Implementing Drama From 1-10

Three units taken from List A OR two units from List A and one unit from List B

### Part-time Course Structure

#### Year 1, Semester 1

- Choose two of the following CORE units:
- KTN001 Performing Narratives
- KTN002 Contemporary Performance
- KTN003 Applying Information Technology in the Drama Classroom
- KTN004 Teaching Drama from 1-10
- KTN005 Implementing Drama From 1-10

#### Year 1, Semester 2

- Choose one of the following CORE units:
- KTN001 Performing Narratives
- KTN002 Contemporary Performance
- KTN003 Applying Information Technology in the Drama Classroom
- KTN004 Teaching Drama from 1-10
- KTN005 Implementing Drama From 1-10
- One unit taken from List A

#### Year 2, Semester 1

Two units taken from List A OR one unit from List A and one unit from List B

#### Year 2, Semester 2

Two units taken from List A OR one unit from List A and one unit from List B

### List A - Electives

See Master of Creative Industries (Drama Teaching) (KT42) for details.

### List B - Electives

See Master of Creative Industries (Drama Teaching) (KT42) for details.

## ■ Graduate Diploma in Dance Instruction (KD36)

**Award title:** Graduate Diploma in Dance Instruction

**Location:** External

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Course coordinator:** Ms Jude Smith

### Entry Requirements

A relevant degree or diploma and at least 12 months of dance teaching experience equivalent to 150 hours.

OR

Significant performance experience with a recognised professional dance company for at least five years, and at least 12 months of dance teaching experience equivalent to 150 hours

OR

significant and demonstrable longstanding reputation as a dance teacher.

### Course structure

#### Full-time Students

Select three units from the first and second Semester structure, and both units in the Summer Program

#### Part-time Students

Select two units from the first and second Semester structure, and either one or both units in the Summer Program

#### First or Second Semester

- KDP104 Safe Dance Practice
- KDP105 Dance Analysis and Histories
- KDP189 Dance Assessment and Reporting Procedures
- KDP190 Professional Practice & Business Administration for Dance Teachers
- KDP191 Dance Teaching Methodologies
- KDP192 Stagecraft & Costume Design for Dance

#### Summer Program

- KDP180 Dance Teaching Studies 1
- KDP181 Dance Teaching Studies 2

## ■ Graduate Diploma in Film and Television (KP36)

**Award title:** Graduate Diploma in Film and Television

**CRICOS code:** 040324D

**Location:** Gardens Point

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters (The part-time mode is not available by evening study)

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Helen Yeates

### Entry requirements

A degree or diploma from a recognised tertiary institution (Diploma graduates may be required to undertake additional work at the discretion of the course or discipline coordinator). Limited special entry places are available if the applicant is a senior member of the relevant profession without a formal degree, provided they can demonstrate and document their grasp of the profession. These candidates will be senior members of their profession. An applicant who does not meet the requirements for normal entry may present documentary evidence of qualifications, experience and other relevant information for special consideration. QUT film and television, journalism and media studies graduates enrolling in this course must select a major different from their undergraduate major.

### Full-time Course structure

#### Year 1, Semester 1

KPP111	Media Writing
KPP155	Media Production
KPP104	Film And Television Production Theory
	Elective

#### Year 1, Semester 2

KPP185	Informational Production
KPB358	Documentary Theory And Practice
	Elective
	Elective

### Part-time Course structure

#### Year 1, Semester 1

KPP155	Media Production
KPP104	Film And Television Production Theory

#### Year 1, Semester 2

KPP185	Informational Production
	Elective

#### Year 2, Semester 1

KPP111	Media Writing
	Elective

#### Year 2, Semester 2

KPB358	Documentary Theory And Practice
	Elective

## ■ Graduate Diploma in Journalism (KJ36)

**Award title:** Graduate Diploma in Journalism

**CRICOS code:** 040340D

**Location:** Gardens Point

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters (Part-time mode may not be available by evening study)

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Angela Romano

### Entry requirements

An approved degree or diploma from a recognised tertiary institution (Diploma graduates may be required to undertake additional work at the discretion of the course coordinator). Limited special entry places are available to members of the profession without a formal degree (please contact the Course Coordinator to discuss your application).

### Full-time Course structure

#### Year 1, Semester 1

KJP105	Theories Of Journalism
KJP120	Newswriting
KJB239	Journalism Ethics and Issues
	Elective

#### Year 1, Semester 2

KJB121	Journalistic Inquiry
	Pick one of the following two:
KJB224	Feature Writing
KJB232	Radio And Television Journalism 1
	Pick one of the following three:
KJB280	International Journalism
KJP322	Desktop Publishing and Editing
KJB337	Public Affairs Reporting
	Elective

### Part-time Course structure

#### Year 1, Semester 1

KJB239	Journalism Ethics And Issues
KJP120	Newswriting

#### Year 1, Semester 2

KJB121	Journalistic Inquiry
	Elective

#### Year 2, Semester 1

KJP105	Theories Of Journalism
	Elective

#### Year 2, Semester 2

	Select one of the following units:
KJP224	Feature Writing
KJP232	Radio And Television Journalism 1
	Plus select one of the following units:
KJB280	International Journalism
KJB337	Public Affairs Reporting
KJB322	Desktop Publishing And Editing

## ■ Graduate Diploma in Music (KM36)

**Award title:** Graduate Diploma in Music

**CRICOS code:** 034717D

**Location:** Kelvin Grove

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Course coordinator:** Assoc Prof Adrian Thomas

### Entry requirements

A degree in any field or equivalent, plus experience relevant to the music pathway selected by the applicant. A maximum of 48 credit points of advanced standing will be granted to applicants with a 4 year degree in Music and a GPA of 5 or higher, or a Bachelor of Music (Honours) degree.

### Course of Study

Eight 12 credit point units, which must include one of the asterisk units taken in the penultimate semester, plus KMN609 Independent Project taken in the last semester.

### Course structure

#### Pathways: Music Composition for the Creative Industries

KMB619	Music And Sound Technology
KMN610	Materials Of Music
KMB638	Sound And Image
KMN608	Composing For Moving Pictures
KMB621	Sound Recording And Acoustics
KMB617	Arranging
KMB056	Professional Studies
KMN609	Independent Project

#### Pathway: Music and Media Technologies

KMB619	Music And Sound Technology
KMB621	Sound Recording And Acoustics
KMB635	Sound Media Musicianship
KMN613	Music And Sound For Digital Media
KMN606	Advanced Digital Recording
KKB818	Introduction To Multimedia Technology
KMB056	Professional Studies
KMN609	Independent Project

#### Pathway: Instrumental Music Teaching

KMN611	Multi-Instrumental Studies 1
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KMN615	Advanced Conducting
KMP433	Music Curriculum Studies 2A
KMB619	Music And Sound Technology
KMN612	Multi-Instrumental Studies 2
KMN614	Teaching Music With Technology
KMP434	Music Curriculum Studies 1A
KMB639	Music Directing

**Other music units available for selection**

KMB640	Sex Drugs Rock N Roll
KMB631	World Music
KMN607	Australian Music Culture
KMB638	Sound And Image
KMB623	Conducting
KMB617	Arranging

**■ Graduate Certificate in Creative Industries (Communication Design) (KI35)**

**Award title:** Graduate Certificate in Creative Industries

**Location:** Gardens Point

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Gavin Sade

**Entry requirements**

A Bachelor degree from a recognised university with a GPA of 5.0 or higher; OR

Professional standing and successful professional practice relevant to digital media approved by the Course Coordinator and Dean of Faculty.

It is assumed all applicants have prior experience using Windows and/or Macintosh operating systems, word processing applications eg MS Word or WordPerfect, email and the Web. If applicants do not have such experience, it will be strongly recommended that they undertake an introductory computer literacy program before making an application.

**Overview**

The programs will provide you with an understanding of digital media technologies from industry, policy, cultural, historical and social perspectives, applied in practical projects. Units will deal with the technology and the content delivered by all forms of digital media, with specific focus on interactive multimedia and computer animation. Thus you will become conversant with online media, information storage/distribution and retrieval using computer networks (the Internet), as well as the use of digital formats and technologies by the print and broadcast media and cinema. You will obtain not only workplace skills but also lifelong learning strategies. Through these you will become critically aware of the impacts of digital media, and the social, legal and ethical issues arising from their research, development, application/use and convergence at local, regional, national and international levels.

**Full-time Course Structure**

**Semester 1**

- Core Unit
- Core Unit
- Elective from List A (or for cognate entry List B)
- Elective from List A (or for cognate entry List B)

**Part-time Course Structure**

**Semester 1**

- Core Unit
- Elective from List A

**Semester 2**

- Core Unit
- Elective from List A

**Core Units**

KIN818	Introduction To Digital Media Technologies
KIN816	Information Design
KCP295	Virtual Cultures

KCP336	New Media Technologies
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**List A - Electives (entry level units)**

Please check semester of offering and prerequisites for units listed below before enrolling. Students who wish to select from outside those listed below must gain the approval of the Course Coordinator.

KVB755	Foundations Of Drawing For Animation
KIB825	History Of Animation
KIB811	Visual Interactions
KIN817	Project Management
KIN819	Electronic Publishing
KIB808	Media Technology 2
KIN808	Introduction To Communication Design

**■ Graduate Certificate in Creative Industries (Creative Writing) (KW35)**

**Award title:** Graduate Certificate in Creative Industries (Creative Writing)

**CRICOS code:** 040322F

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 1 Semester

**Course duration (part-time):** Up to 4 Semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Discipline coordinator:** Associate Professor Philip Neilsen

**Entry requirements**

A Bachelor degree with a GPA of 5 or higher OR professional experience in the creative industries approved by the Course Coordinator.

**Course structure**

**Year 1, Semester 1**

KWP103	Creative Writing: Genre and the Novel Plus Select THREE units from:
KWB250	Introduction To Creative Writing
KWB380	Creative Nonfiction: Life Writing
KWB399	The Writing And Publishing Industry
KWB229	Film And Television Scriptwriting
KWB370	Electronic Creative Writing
KWB381	Creative Nonfiction: Arts, Humour, Travel
KWB314	Corporate Writing And Editing
KWB712	Youth Writing
KWB350	Creative Writing: Short Story
KWB399	The Writing And Publishing Industry

**■ Graduate Certificate in Creative Industries (Drama Teaching) (KT35)**

**Award title:** Graduate Certificate in Creative Industries (Drama Teaching)

**Location:** Kelvin Grove

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Course coordinator:** Sandra Gattenhof

**Course aims**

The aim of this course is to address the professional development of drama teachers in Queensland. Teachers will be able to select from units which upgrade their knowledge and skills in drama as an arts discipline as well as take units which deal with the specifics of drama teaching, curriculum design and implementation.

**Entry Requirements**

An appropriate Bachelor degree or Diploma and at least one year's professional experience working as a drama teacher in a school or studio setting.

**Full-time Course Structure**

**Year 1, Semester 1**

	Choose two of the following CORE units:
KTN001	Performing Narratives
KTN002	Contemporary Performance

KTN003	Applying Information Technology in the Drama Classroom
KTN004	Teaching Drama from 1-10
KTN005	Implementing Drama From 1-10 Two units taken from List A

### Part-time Course Structure

#### Year 1, Semester 1

Choose two of the following CORE units:

KTN001	Performing Narratives
KTN002	Contemporary Performance
KTN003	Applying Information Technology in the Drama Classroom
KTN004	Teaching Drama from 1-10
KTN005	Implementing Drama From 1-10

#### Year 1, Semester 2

Two units taken from List A

### List A - Electives

See Master of Creative Industries (Drama Teaching) (KT42) for details.

### List B - Electives

See Master of Creative Industries (Drama Teaching) (KT42) for details.

## ■ Graduate Certificate in Creative Industries (Publishing and Editing) (KW37)

**Award title:** Graduate Certificate in Creative Industries (Publishing and Editing)

**Location:** Gardens Point and Kelvin Grove

**Course duration (part-time):** Up to 4 semesters

**Total credit points:** 48

**Course coordinator:** Assoc Prof Philip Neilsen

### Overview

This new program provides skills and knowledge in print and electronic publishing, desktop publishing, manuscript development and publishing industry processes and dynamics. It complements the creative writing postgraduate programs and articulates with the new Graduate Diploma in Creative Industries (Creative Writing).

### Entry Requirements

A bachelor degree with a GPA of 5 or higher OR professional experience in the creative industries approved by the course coordinator.

### Part-time Course Structure

#### Semester 1

KWP104	Editing and Developing the Manuscript
KJB322	Desktop Publishing And Editing

#### Semester 2

Select two from the following

KWB399	The Writing And Publishing Industry
KIB819	Electronic Publishing
KWB314	Corporate Writing And Editing

## ■ Graduate Certificate in Dance Instruction (KD35)

**Award title:** Graduate Certificate in Dance Instruction

**Location:** External

**Course duration (external):** 1 semester full-time; 2 semesters part-time

**Total credit points:** 48

**Course coordinator:** Ms Jude Smith

### Entry Requirements

A relevant degree or diploma and at least 12 months of dance teaching experience equivalent to 150 hours.

OR

Significant performance experience with a recognised professional dance company for at least five years, and at least 12 months of dance teaching experience equivalent to 150 hours

OR

significant and demonstrable longstanding reputation as a dance teacher.

### Course structure

#### Full-time Students

Select 4 units (2 core and 2 electives) from first or second semester. Students can replace one elective from Semester 1 or 2 with a residency unit in the Summer Program.

#### Part-time Students

Select 4 units (2 core and 2 electives) across first or second semester. Students can replace one elective from Semester 1 or 2 with a residency unit in the Summer Program.

#### First Semester

	Core Units
KDP104	Safe Dance Practice
KDP190	Professional Practice & Business Administration for Dance Teachers
	Electives
KDP105	Dance Analysis and Histories
KDP189	Dance Assessment & Reporting Procedures
KDP191	Dance Teaching Methodologies

#### Second Semester

	Core Units
KDP104	Safe Dance Practice
KDP190	Professional Practice & Business Administration for Dance Teachers
	Electives
KDP105	Dance Analysis and Histories
KDP189	Dance Assessment & Reporting Procedures
KDP191	Dance Teaching Methodologies

#### Summer Program

KDP180	Dance Teaching Studies 1
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## ■ Graduate Certificate in Film and Television (KP35)

**Award title:** Graduate Certificate in Film and Television

**CRICOS code:** 040327A

**Location:** Gardens Point

**Course duration (part-time):** 2 Semesters

**Total credit points:** 48

**Course coordinator:** Ms Helen Yeates

### Entry requirements

Applicants will normally have a bachelor degree in any field, although other evidence that a candidate could cope with postgraduate study (for example, employment at a relatively senior level, relevant industry experience) will be looked on favourably.

### Course structure

#### Year 1, Semester 1

KPP155	Media Production
KPP104	Film And Television Production Theory

#### Year 1, Semester 2

KPP185	Informational Production
KPP111	Media Writing

## ■ Graduate Certificate in Journalism (KJ35)

**Award title:** Graduate Certificate in Journalism

**CRICOS code:** 040323E

**Location:** Gardens Point

**Course duration (full-time):** 1 Semester

**Course duration (part-time):** 2 Semesters

**Total credit points:** 48

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Angela Romano

### Entry requirements

An approved degree or diploma or professional experience as approved by the course coordinator.

### Full-time Course structure

#### Year 1, Semester 1

KJP105	Theories Of Journalism
KJP120	Newswriting
KJP224	Feature Writing
KJB232	Radio And Television Journalism 1

OR  
KJB322 Desktop Publishing And Editing

**Part-time Course structure**

*Year 1, Semester 1*

KJP105 Theories Of Journalism

KJP120 Newswriting

*Year 1, Semester 2*

KJP224 Feature Writing

KJP232 Radio And Television Journalism 1

OR

KJB322 Desktop Publishing And Editing

■ **Graduate Certificate in Music (KM35)**

**Award title:** Graduate Certificate in Music

**CRICOS code:** 034715F

**Location:** Kelvin Grove

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (full-time):** 48

**Course coordinator:** A/Prof Adrian Thomas

**Entry requirements**

A degree in any field or equivalent, plus experience relevant to the music pathway selected by the applicant.

**Course of Study**

For the Graduate Certificate in Music students complete four 12 credit point units.

**Course structure**

*Pathway: Music Composition for the Creative Industries*

KMB619 Music And Sound Technology

KMN630 Materials of Music

KMB638 Sound And Image

KMN618 Composing for Moving Pictures

*Pathway: Music and Media Technologies*

KMB619 Music And Sound Technology

KMB621 Sound Recording And Acoustics

KMB635 Sound Media Musicianship

KMN613 Music And Sound For Digital Media

*Pathway: Instrumental Music Teaching*

KMN611 Multi-Instrumental Studies 1

KMB623 Conducting

KMB617 Arranging

KMP434 Music Curriculum Studies 1A

*Pathway: Contemporary Music Studies*

KMB640 Sex Drugs Rock N Roll

KMB631 World Music

KMN607 Australian Music Culture

KMB638 Sound And Image

■ **Bachelor of Creative Industries (Honours)  
(Creative Writing/Media  
Communication/Communication  
Design/Dance/Drama/Visual Arts) (KK52)**

**Award title:** Bachelor of Creative Industries (Honours) (Study Area A)

**CRICOS code:** 040321G

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 2 Semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Glen Thomas

**Discipline coordinator:** Dance:Aspro Cheryl Stock ; Drama: Dr Paul Makeham; Visual Arts: Mr Daniel Mafe; Media Studies: Dr Christina Spurgeon; Communication Design: Mr Gavin Sade; Creative Writing: Aspro Philip Neilsen

**Entry Requirements**

Normally students will apply within the final year of their pass degree. Except where otherwise specified, applicants MUST

have: completed a Bachelor degree in the relevant discipline area from QUT, or a similar degree from QUT or another university AND achieved a level of attainment considered by the Faculty Academic Board to be acceptable for the purposes of proceeding to an Honours degree (normally a course GPA of 5 on a seven-point scale).

Alternatively, candidates may be accepted for admission by the Faculty Academic Board, after advice from the Course Coordinator regarding evidence of other relevant qualifications and/or experience.

**Course structure**

*Full-time Course Structure - Semester 1*

KKN001 Honours Project 1

KKN058 Arts Research

OR

KKP391 Media Research Methods

List A Elective

*Full-time Course Structure - Semester 2*

KKN003 Honours Project 2

KKN002 Graduate Seminar

**List A - Creative Industries Honours Electives**

KTN200 Dramaturgy

KVB004 Contemporary Aesthetic Debates

KWP103 Creative Writing: Genre and the Novel

KPP104 Film And Television Production Theory

KJP105 Theories Of Journalism

KCP110 Global Media and Communication Policy

\*Students may choose from units offered elsewhere in the University, which are deemed by the Discipline Coordinator to be relevant to the research project

■ **Bachelor of Fine Arts (Honours) (Creative  
Writing/Film & Television  
Production/Visual Arts/Communication  
Design) (KK53)**

**Award title:** Bachelor of Fine Arts (Honours) (Study Area A)

**CRICOS code:** 040320G

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 2 Semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Glen Thomas

**Discipline coordinator:** Dance:Aspro Cheryl Stock ; Visual Arts: Mr Daniel Mafe; Communication Design: Mr Gavin Sade; Creative Writing: Aspro Philip Neilsen; Film and Television: Ms Helen Yeates

**Entry requirements**

Normally students will apply within the final year of their pass degree. Except where otherwise specified, applicants MUST have: completed a Bachelor degree in the relevant discipline area from QUT, or a similar degree from QUT or another university; achieved a level of attainment considered by the Faculty Academic Board to be acceptable for the purposes of proceeding to an Honours degree (normally a course GPA of 5 on a seven-point scale). Alternatively, candidates may be accepted for admission by the Faculty Academic Board, after advice from the Course Coordinator regarding evidence of other relevant qualifications and/or experience.

**Course structure**

*Year 1, Semester 1*

KKN001 Honours Project 1

KKN058 Arts Research

or

KKP391 Media Research Methods

Students may choose from electives in List A

*Year 1, Semester 2*

KKN003 Honours Project 2

KKN002 Graduate Seminar



**List A - Creative Industries Honours Electives**

KTN200	Dramaturgy
KVB004	Contemporary Aesthetic Debates
KWP103	Creative Writing: Genre and the Novel
KPP104	Film And Television Production Theory
KJP105	Theories Of Journalism
KCP110	Global Media and Communication Policy

\*Students may choose from units offered elsewhere in the University, which are deemed by the Discipline Coordinator to be relevant to the research project

**■ Bachelor of Journalism (Honours) (KK54)**

**Award title:** Bachelor of Journalism (Honours)

**CRICOS code:** 040326B

**Location:** Gardens Point

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Glen Thomas

**Discipline coordinator:** Mr Lee Duffield

**Entry requirements**

Applicants must have completed a Bachelor degree in the relevant discipline area from QUT or a similar degree from QUT or another university, and must have achieved a level of attainment considered by the Faculty Academic Board to be acceptable for the purposes of proceeding to an Honours degree (normally a GPA of 5 on a seven-point scale). Alternatively, candidates may be accepted for admission by the Faculty Academic Board, after advice from the Course Coordinator regarding evidence of other relevant qualifications and/or experience.

**Course structure**

**Year 1, Semester 1**

KKP391	Media Research Methods
KJP105	Theories Of Journalism
KKN001	Honours Project 1

**Year 1, Semester 2**

KKN003	Honours Project 2
KKN002	Graduate Seminar

**■ Bachelor of Music (Honours) (KK55)**

**Award title:** Bachelor of Music (Honours)

**CRICOS code:** 031574E

**Location:** Kelvin Grove

**Course duration (full-time):** 1 Year Full-time

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Glen Thomas

**Discipline coordinator:** Mr Andrew Brown

**Entry Requirements**

Normally students will apply within the final year of their pass degree. Except where otherwise specified, applicants MUST have: completed a Bachelor degree in the relevant discipline area from QUT, or a similar degree from QUT or another university AND achieved a level of attainment considered by the Faculty Academic Board to be acceptable for the purposes of proceeding to an Honours degree (normally a course GPA of 5 on a seven-point scale).

Alternatively, candidates may be accepted for admission by the Faculty Academic Board, after advice from the Course Coordinator regarding evidence of other relevant qualifications and/or experience.

**Course structure**

**Year 1, Semester 1**

KKN001	Honours Project 1
	Elective
KKN058	Arts Research

or  
KIN817 Project Management

**Year 1, Semester 2**

KKN003	Honours Project 2
KKN002	Graduate Seminar

**List A - Creative Industries Honours Electives**

KTN200	Dramaturgy
KVB004	Contemporary Aesthetic Debates
KWP103	Creative Writing: Genre and the Novel
KPP104	Film And Television Production Theory
KJP105	Theories Of Journalism
KCP110	Global Media and Communication Policy

\*Students may choose from units offered elsewhere in the University, which are deemed by the Discipline Coordinator to be relevant to the research project

**■ Bachelor of Creative Industries (KK32)**

**Award title:** Bachelor of Creative Industries

**CRICOS code:** 040297B

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Paul Makeham

**Course Design**

In addition to selecting core studies in creative industries from units covering Introduction to Creative Industries, Transforming Cultures, Creativity, Writing for Creative Industries and Introduction to Digital Multimedia, students can choose three sub-majors (six units) from three of the following study areas or two sub-majors (six units) and two minors (four units).

Study Areas:

- Art and Visual Culture
- Communication Design
- Creative and Professional Writing
- Cultural Studies
- Dance
- Digital Media
- Film and Television
- Journalism
- Literary Writing and Criticism
- Music Studies
- Screen Studies
- Sound Studies
- Theatre Studies

Students may complement their studies with units from another QUT discipline area including Business, Information Technology, Science, Law, Health, Built Environment and Engineering, Education and Social Science.

In their final year Bachelor of Creative Industries students will have the opportunity to engage in internships, industry placements and practical projects in order to prepare themselves for entry-level positions in their chosen career.

**Course structure - Overview**

**Semester 1, Year 1**

Creative Industries Core Unit
Sub-Major One
Sub-Major Two
Sub-Major Three

**Semester 2, Year 1**

Creative Industries Core Unit
Sub-Major One
Sub-Major Two
Sub-Major Three

**Semester 1, Year 2**

Creative Industries Core Unit
Sub-Major One
Sub-Major Two
Sub-Major Three

**Semester 2, Year 2**

Creative Industries Core Unit  
Sub-Major One  
Sub-Major Two  
Sub-Major Three

**Semester 1, Year 3**

Sub-Major One  
Sub-Major Two  
Sub-Major Three  
Elective

**Semester 2, Year 3**

Sub-Major One  
Sub-Major Two  
Sub-Major Three  
Elective

**List A Creative Industries Core Units**

KKB018 Creative Industries  
KKB218 Creativity  
KKB418 Transforming Cultures  
KKB618 Writing For Creative Industries  
KKB818 Introduction To Multimedia Technology  
Communication Design Students in KI25 or KI32 are not to enrol in KKB818.

**Creative Industries Faculty Elective List for 2003**

These unit offerings are current at the time of publication but are subject to change.

Creative Industries students may choose elective units from the following list OR from outside the Faculty area subject to the following guidelines:

- students cannot select a unit that forms part of the compulsory units of their course or the compulsory units of their chosen submajor area.
- students must obey any elective rules as set out in their course summary sheet
- students must have successfully completed any pre/co-requisite units applicable
- the offering of elective units is subject to sufficient student enrolment numbers and staff availability
- some units are subject to quota restrictions

**Semester 1**

KCB140 Media And Society: From Printing Press To Internet  
KCB295 Virtual Cultures  
KDB125 Deconstructing Dance In History  
KDX104 Architecture Of The Body  
KIB814 Applications Of Design Technology  
KIB816 Interactive Writing  
KIB811 Visual Interactions  
KIB819 Electronic Publishing  
KIB825 History Of Animation  
KJB101 Journalism Information Systems  
KJB120 Newswriting  
KKB818 Introduction To Multimedia Technology  
KMB631 World Music  
KMB640 Sex Drugs Rock N Roll  
KPB118 Fundamentals Of Photography  
KPB130 Media Text Analysis  
KPB233 Television Cultures  
KPB141 Film And Television Language  
KPB343 Australian Film  
KSB259 The Performance Instrument: Body And Voice  
KTB208 Elements Of Drama  
KSB278 Technical Theatre  
KTB061 Arts Business Management  
KTB208 Elements Of Drama  
KTB253 Staging Australia  
KTB275 Understanding Performance  
KVB444 Contemporary Asian Visual Culture  
KVB447 Drawing  
KVB457 Sculpture  
KVB507 Painting  
KVB702 Australian And Indigenous Art  
KVB712 Contemporary Art Issues  
KVB503 Clay Materials  
KVB509 Photographic Media  
KWB111 Media Writing  
KWB250 Introduction To Creative Writing  
KWB350 Creative Writing: Short Story  
KWB625 American Stories  
KWB716 Introduction To Literary And Cultural Studies

KWB315 Persuasive Writing  
KWB321 Body Matters  
KWB724 Wonderlands: Literature And Culture In The 19th Century  
KWB381 Creative Nonfiction: Arts, Humour, Travel

**Semester 2**

KCB204 Globalisation And New Media  
KPB344 International Cinema  
KCB336 New Media Technologies  
KDB106 The Analysis Of Modern Dance  
KDB114 Australian Dance  
KDB172 World Dance  
KDB176 Popular Dance Styles  
KIB814 Applications Of Design Technology  
KIB819 Electronic Publishing  
KIB813 Contemporary Issues In Technology Design  
KKB818 Introduction To Multimedia Technology  
KJB101 Journalism Information Systems  
KJB120 Newswriting  
KMB640 Sex Drugs Rock N Roll  
KPB118 Fundamentals Of Photography  
KPB209 Australian Television  
KPB305 American Film: Genres and Directors  
KPB358 Documentary Theory And Practice  
KPB359 Film History  
KPB344 International Cinema  
KSB276 Visual Theatre - Design  
KSB278 Technical Theatre  
KTB062 Arts Event Promotion And Public Relations  
KTB251 20th Century Stages  
KVB447 Drawing  
KVB457 Sculpture  
KVB507 Painting  
KVB701 Modernism  
KVB703 Video Art And Culture  
KVB704 Theories Of Spatial Culture  
KVB503 Clay Materials  
KVB509 Photographic Media  
KWB111 Media Writing  
KWB315 Persuasive Writing  
KWB350 Creative Writing: Short Story  
KWB314 Corporate Writing And Editing  
KWB380 Creative Nonfiction: Life Writing  
KWB315 Persuasive Writing  
KWB321 Body Matters  
KWB729 Shakespeare, Then And Now  
KWB350 Creative Writing: Short Story  
KWB380 Creative Nonfiction: Life Writing  
KWB725 Popular Fictions, Popular Culture

**List C: Sub-Majors**

**Arts and Visual Culture (ARV)**

Prerequisite Units  
KVB702 Australian And Indigenous Art  
KVB701 Modernism  
Advanced Units  
KVB444 Contemporary Asian Visual Culture  
KVB712 Contemporary Art Issues  
KVB703 Video Art And Culture  
KVB704 Theories Of Spatial Culture

**Communication (CON)\* ^**

Prerequisite Units  
KCB101 Communication in the New Economy  
KCB150 Media And Communications Industries  
Advanced Units  
KCB213 Strategic Speech Communication  
KWB314 Corporate Writing And Editing  
KCB334 Media and Communication Research Methods  
KCB311 Political Communication

**Communication Design (COD)**

Prerequisite Units  
KKB818 Introduction To Multimedia Technology  
- if not taken as a CI Core Unit  
KIB825 History Of Animation  
KIB814 Applications Of Design Technology  
Advanced Units  
KIB816 Interactive Writing  
KIB811 Visual Interactions  
KIB819 Electronic Publishing  
KIB813 Contemporary Issues In Technology Design

**Creative and Professional Writing (CPW)**

- Prerequisite Units  
 KWB250 Introduction To Creative Writing  
 KWB380 Creative Nonfiction: Life Writing  
 Advanced Units  
 KWB381 Creative Nonfiction: Arts, Humour, Travel  
 KWB315 Persuasive Writing  
 KWB314 Corporate Writing And Editing  
 KWB399 The Writing And Publishing Industry  
 OR  
 KWB229 Film And Television Scriptwriting  
**Dance (DAN)**  
 Prerequisite Units  
 KDB125 Deconstructing Dance In History  
 KDB106 The Analysis Of Modern Dance  
 Advanced Units  
 KDX104 Architecture Of The Body  
 KDB114 Australian Dance  
 KDB172 World Dance  
 KDB176 Popular Dance Styles  
**Digital Media (DIG) \***  
 Prerequisite Units  
 KCB140 Media And Society: From Printing Press To Internet  
 KCB150 Media And Communications Industries  
 Advanced Units  
 KCB336 New Media Technologies  
 KCB295 Virtual Cultures  
 KPB209 Australian Television  
 KCB204 Globalisation And New Media  
**Journalism (JOU)**  
 Prerequisite Units  
 KJB101 Journalism Information Systems  
 KJB120 Newswriting  
 Advanced Units  
 KJB121 Journalistic Inquiry  
 KJB224 Feature Writing  
 KJB239 Journalism Ethics And Issues  
 KCB213 Strategic Speech Communication  
 KJB280 International Journalism  
**Literary and Cultural Studies (LST)**  
 Prerequisite Units  
 KWB716 Introduction To Literary And Cultural Studies  
 KWB710 Ozlit  
 Advanced Units  
 KWB625 American Stories  
 OR  
 KWB318 Music And Culture: Rock Stars To Djs  
 KWB729 Shakespeare, Then And Now  
 OR  
 KWB712 Youth Writing  
 KWB321 Body Matters  
 OR  
 KWB724 Wonderlands: Literature And Culture In The 19th Century  
 KWB725 Popular Fictions, Popular Culture

**Music Studies (MUT) #**

- Prerequisite Units  
 KMB631 World Music  
 KMB640 Sex Drugs Rock N Roll  
 Advanced Units  
 KMB638 Sound And Image  
 KMB648 The Music Scene  
 KMB649 Introductory Musicianship  
 KMB650 Introductory Ensemble

**Screen Studies (SCR)**

- Prerequisite Units  
 KPB130 Media Text Analysis  
 KPB305 American Film: Genres and Directors  
 Advanced Units  
 KPB359 Film History  
 KPB358 Documentary Theory And Practice  
 KPB343 Australian Film  
 KPB344 International Cinema

**Sound Studies (SOU) #**

- Prerequisite Units  
 KMB631 World Music  
 KMB640 Sex Drugs Rock N Roll  
 Advanced Units  
 KMB638 Sound And Image  
 KMB648 The Music Scene

- KMB621 Sound Recording And Acoustics  
 KMB619 Music And Sound Technology

**Television (TVN)**

- Prerequisite Units  
 KWB111 Media Writing  
 KPB233 Television Cultures  
 Advanced Units  
 KPB209 Australian Television  
 KPB155 Media Production  
 KPB260 Community And Educational Video  
 KPB141 Film And Television Language

**Theatre Studies (THS)**

- Prerequisite Units  
 KTB208 Elements Of Drama  
 KTB251 20th Century Stages  
 Advanced Units  
 KSB259 The Performance Instrument: Body And Voice  
 KTB252 The Sound Of Theatre  
 KTB271 Studies In Directing  
 KTB307 Writing For Performance  
 KTB062 Arts Event Promotion And Public Relations  
 KTB214 Process Drama

**Rules**

\* Student wishing to undertake both the Communication and the Digital Media sub-majors may take only one of these as a sub-major and the other as a minor

^ Offering of the Communication sub-major is subject to final faculty approval.

##\* Students are not permitted to undertake both Music Studies and Sound Studies together as sub-majors. They may only be taken together as two minors.

**■ Bachelor of Creative Industries  
(Communication Design) (KI32)**

**Award title:** Bachelor of Creative Industries (Communication Design)

**CRICOS code:** 040304G

**Location:** Kelvin Grove

**Course duration (full-time):** 3 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Deb Polson

**BCI Communication Design**

**Year 1, Semester 1**

- KIB811 Visual Interactions  
 KIB807 Media Technology 1  
 Creative Industries Core Unit  
 Creative Industries Core Unit

**Year 1, Semester 2**

- KIB808 Media Technology 2  
 KIB814 Applications Of Design Technology  
 Creative Industries Core Unit  
 Communication Design Elective

**Year 2, Semester 1**

- KIB816 Interactive Writing  
 Creative Industries Core Unit  
 Communication Design Elective  
 Elective

**Year 2, Semester 2**

- Communication Design Elective  
 Communication Design Elective  
 Elective  
 Elective

**Year 3, Semester 1**

- KIB813 Contemporary Issues In Technology Design  
 Communication Design Elective  
 Elective  
 Elective

**Semester 2, Year 3**

- KIB805 Design Project A  
 KIB056 Professional Studies  
 Elective  
 Elective

**List A Creative Industries Core Units**

See Bachelor of Creative Industries (KK32) for list.

**Creative Industries Faculty Elective List for 2003**

See Bachelor of Creative Industries (KK32) for list.

**Communication Design Electives**

*Semester 1*

- KIB801 Foundations Of Communication Design 1
- KIB803 Temporal Media
- KIB804 3-D Animation 1
- KIB809 Interaction Design 1
- KIB810 Information Architecture
- KIB817 Project Management
- KIB819 Electronic Publishing
- KIB820 3-D Animation 2
- KMB626 Music And Sound For Multimedia
- KVB755 Foundations Of Drawing For Animation

*Semester 2*

- KIB802 Foundations Of Communication Design 2
- KIB815 Interaction Design 2
- KIB817 Project Management
- KIB819 Electronic Publishing
- KIB821 Virtual Reality
- KIB825 History Of Animation
- KMB626 Music And Sound For Multimedia
- PYB057 Applied Cognitive Psychology
- KVB756 Foundations Of Drawing For Animation 2

**■ Bachelor of Creative Industries (Creative Writing) (KW32)**

**Award title:** Bachelor of Creative Industries (Creative Writing)

**CRICOS code:** 040296C

**Location:** Gardens Point

**Course duration (full-time):** 3 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Ms Donna Brien

**Course structure**

*Year 1, Semester 1*

- KWB250 Introduction To Creative Writing
- KWB111 Media Writing  
Creative Industries Core Unit  
Elective

*Year 1, Semester 2*

- KWB350 Creative Writing: Short Story
- KJB224 Feature Writing  
Creative Industries Core Unit  
Elective

*Year 2, Semester 1*

- KWB229 Film And Television Scriptwriting  
Creative Industries Core Unit  
Elective

Choose one from the following:

- KWB315 Persuasive Writing
- KJB322 Desktop Publishing And Editing

*Year 2, Semester 2*

- KWB380 Creative Nonfiction: Life Writing  
Creative Industries Core Unit  
Elective

Choose one from the following:

- KWB712 Youth Writing
- KWB314 Corporate Writing And Editing

*Year 3, Semester 1*

- KWB370 Electronic Creative Writing
- KWB381 Creative Nonfiction: Arts, Humour, Travel  
Elective  
Elective

*Year 3, Semester 2*

- KWB399 The Writing And Publishing Industry
- KWB395 Creative Writing Project 1 [12cp]  
Elective  
Elective

**Creative Industries Faculty Elective List for 2003**

See Bachelor of Creative Industries (KK32) for list.

**■ Bachelor of Creative Industries (Dance) (KD32)**

**Award title:** Bachelor of Creative Industries (Dance)

**CRICOS code:** 040303J

**Location:** Kelvin Grove

**Course duration (full-time):** 3 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Mr Evan Jones

**Course structure**

*Year 1, Semester 1*

- KDB180 Dance Technique Studies 1
- KDB125 Deconstructing Dance In History
- KDX104 Architecture Of The Body  
Creative Industries Core Unit - List A

*Year 1, Semester 2*

- KDB181 Dance Technique Studies 2
- KDB106 The Analysis Of Modern Dance
- KDX143 Choreographic Studies 1  
Creative Industries Core Unit - List A

*Year 2, Semester 1*

- KDB182 Dance Technique Studies 3
- KDX144 Choreographic Studies 2  
Creative Industries Core Unit - List A  
Elective outside discipline - List B

*Year 2, Semester 2*

- KDB114 Australian Dance
- KDX145 Choreographic Studies 3
- KDB221 Integrated Professional Skills  
Creative Industries Core Unit - List A

*Year 3, Semester 1*

Choose four from the following:

- KDB171 Theatre Dance Styles
- KDB117 Dance In Education
- KDB158 Dance And Technology 1
- KSB011 Music Theatre Skills  
Elective  
Elective  
Elective

*Year 3, Semester 2*

Choose four from the following:

- KDB172 World Dance
- KDB159 Dance And Technology 2
- KDB183 Dance Technique Studies 4
- KDB176 Popular Dance Styles  
Elective  
Elective  
Elective

**List A Creative Industries Core Units**

See Bachelor of Creative Industries (KK32) for list.

**Creative Industries Faculty Elective List for 2003**

See Bachelor of Creative Industries (KK32) for list.

**■ Bachelor of Creative Industries (Drama) (KT32)**

**Award title:** Bachelor of Creative Industries (Drama)

**CRICOS code:** 040298A

**Location:** Kelvin Grove

**Course duration (full-time):** 3 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Christine Comans, Judith McLean

**Course structure**

*Year 1, Semester 1*

- Creative Industries Core Unit
- KTB252 The Sound Of Theatre
- KSB259 The Performance Instrument: Body And Voice
- KTB257 Studies In Acting 1

*Year 1, Semester 2*

- Creative Industries Core Unit
- KTB251 20th Century Stages
- KTB271 Studies In Directing

- KTB273 Performance 1  
**Year 2, Semester 1**  
 Creative Industries Core Unit
- KTB214 Process Drama  
 KTB278 Technical Theatre  
 Elective
- Year 2, Semester 2**  
 Creative Industries Core Unit
- KTB304 Forming Knowledge  
 Elective  
 Elective
- Year 3, Semester 1**  
 KTB253 Staging Australia  
 KTB275 Understanding Performance  
 Elective  
 Elective
- Year 3, Semester 2**  
 KTB272 Drama And Community Cultural Development  
 Elective  
 Elective  
 Elective

**BCI (Drama) Electives Semester 1**

- KKB055 Professional Practice  
 KKB057 Independent Study  
 KTB061 Arts Business Management  
 KTB308 Performance 2  
 KTB277 Physical Theatre  
 KTB306 Directing For Theatre  
 KTB310 Studies In Acting 3

**BCI (Drama) Electives Semester 2**

- KKB055 Professional Practice  
 KKB057 Independent Study  
 KTB056 Professional Studies  
 KTB258 Studies In Acting 2  
 KTB280 Drama As Social Action  
 KTB307 Writing For Performance  
 KTB309 Performance 3  
 KTB062 Arts Event Promotion And Public Relations

**List A Creative Industries Core Units**

See Bachelor of Creative Industries (KK32) for list.

**Creative Industries Faculty Elective List for 2003**

See Bachelor of Creative Industries (KK32) for list.

**■ Bachelor of Creative Industries (Media and Communication) (KC32)**

**Award title:** Bachelor of Creative Industries (Media and Communication)

**CRICOS code:** 040305G

**Location:** Gardens Point

**Course duration (full-time):** 3 Years

**Course duration (part-time):** 6 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Ms Jillian Clare

**Discipline coordinator:** Dr Terry Flew

**Course structure**

**Year 1, Semester 1**

- KCB101 Communication in the New Economy  
 KCB213 Strategic Speech Communication  
 KCB140 Media And Society: From Printing Press To Internet  
 Creative Industries Core Unit - See List A

**Year 1, Semester 2**

- KCB150 Media And Communications Industries  
 KCB336 New Media Technologies  
 Creative Industries Core Unit - See List A  
 Creative Industries Core Unit - See List A

**Year 2, Semester 1**

- Creative Industries Core Unit - See List A  
 Elective  
 Elective  
 Choose two from the following:  
 KPB209 Australian Television  
 KCB295 Virtual Cultures

**Year 2, Semester 2**

- KCB334 Media and Communication Research Methods  
 KCB335 Managing Communication Resources  
 Elective  
 Elective

**Year 3, Semester 1**

- KCB349 Media Audiences  
 KCB311 Political Communication  
 Elective  
 Elective

**Year 3, Semester 2**

- KCB348 Applied Media Communication  
 Elective  
 Elective  
 Choose one from the following:  
 KCB204 Globalisation And New Media  
 KKB704 Indigenous Creative Industries  
 KKB275 Creative Industries Legal Issues

**List A Creative Industries Core Units**

See Bachelor of Creative Industries (KK32) for list.

**Creative Industries Faculty Elective List for 2003**

See Bachelor of Creative Industries (KK32) for list.

**List C: Sub-Majors**

See Bachelor of Creative Industries (KK32) for list.

**■ Bachelor of Creative Industries (Visual Arts) (KV32)**

**Award title:** Bachelor of Creative Industries (Visual Arts)

**CRICOS code:** 040295D

**Location:** Kelvin Grove

**Course duration (full-time):** 3 years full-time

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Victoria Garmons-Williams

**Course structure**

**Year 1, Semester 1**

- KVB740 Studio Art Practice 1  
 KVB702 Australian And Indigenous Art  
 Creative Industries Core Unit

**Year 1, Semester 2**

- KVB741 Studio Art Practice 2  
 KVB701 Modernism  
 Creative Industries Core Unit

**Year 2, Semester 1**

- KVB742 Studio Art Practice 3  
 Creative Industries Core Unit  
 KVB444 Contemporary Asian Visual Culture

**Year 2, Semester 2**

- Visual Arts Elective  
 Creative Industries Core Unit  
 KVB703 Video Art And Culture  
 Elective

**Year 3, Semester 1**

- Elective  
 Elective  
 Elective  
 Elective

**Year 3, Semester 2**

- Elective  
 Elective  
 Visual Arts Elective  
 Elective

**List A Creative Industries Core Units**

See Bachelor of Creative Industries (KK32) for list.

**Creative Industries Faculty Elective List for 2003**

See Bachelor of Creative Industries (KK32) for list.

**List B - Visual Arts Electives**

- KVB447 Drawing  
 KVB457 Sculpture  
 KVP503 Clay Materials  
 KVP507 Painting

KVP509	Photographic Media
KVB751	Extended Studio Practice 1
KVB752	Extended Studio Practice 2
KVB753	Extended Studio Practice 3
KVB754	Extended Studio Practice 4
KVB703	Video Art And Culture
KVB742	Studio Art Practice 3

## ■ Bachelor of Fine Arts (Acting) (KS25)

**Award title:** Bachelor of Fine Arts (Acting)

**CRICOS code:** 040300A

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** John O'Hare

### Course structure

#### Semester 1, Year 1

KSB202	Acting 1
KSB204	Voice And Movement 1
	Creative Industries Core Unit
	Elective

#### Semester 2, Year 1

KSB203	Acting 2
KSB205	Voice And Movement 2
KTB251	20th Century Stages
	Creative Industries Core Unit

#### Semester 1, Year 2

KSB011	Music Theatre Skills
KSB247	Acting 3
KSB233	Voice And Movement 3
	Elective

#### Semester 2, Year 2

KSB012	Music Theatre Project
KSB248	Acting 4
KSB234	Voice And Movement 4
KTB271	Studies In Directing

#### Semester 1, Year 3

KTB253	Staging Australia
KSB235	Voice And Movement 5
KSB255	Theatre Project 1

#### Semester 2, Year 3

KSB056	Professional Studies
KSB256	Theatre Project 2

### List A Creative Industries Core Units

See Bachelor of Creative Industries (KK32) for list.

### Creative Industries Faculty Elective List for 2003

See Bachelor of Creative Industries (KK32) for list.

## ■ Bachelor of Fine Arts (Communication Design) (KI25)

**Award title:** Bachelor of Fine Arts (Communication Design)

**CRICOS code:** 020296B

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Course coordinator:** Debra Polson

### Pathway 1 - Animation

#### Year 1, Semester 1

KVB755	Foundations Of Drawing For Animation
KIB807	Media Technology 1
	Creative Industries Core Unit
	Creative Industries Core Unit

#### Year 1, Semester 2

KVB756	Foundations Of Drawing For Animation 2
KIB808	Media Technology 2
KIB825	History Of Animation
KIB816	Interactive Writing

#### Year 2, Semester 1

KIB804	3-D Animation 1
KIB803	Temporal Media
KIB809	Interaction Design 1

KMB626 Music And Sound For Multimedia

#### Year 2, Semester 2

KIB820	3-D Animation 2
KDX104	Architecture Of The Body
KSB202	Acting 1
KIB821	Virtual Reality

#### Year 3, Semester 1

KIB805	Design Project A
KIB826	3-D Animation 3
KIB813	Contemporary Issues In Technology Design
	Elective

#### Year 3, Semester 2

KIB806	Design Project B
KIB056	Professional Studies
	Elective

### Pathway 2 - Interaction Design

#### Year 1, Semester 1

KIB801	Foundations Of Communication Design 1
KIB807	Media Technology 1
	Creative Industries Core Unit
	Creative Industries Core Unit

#### Year 1, Semester 2

KIB802	Foundations Of Communication Design 2
KIB808	Media Technology 2
KIB814	Applications Of Design Technology
KIB816	Interactive Writing

#### Year 2, Semester 1

KIB809	Interaction Design 1
KIB803	Temporal Media
KIB804	3-D Animation 1
KMB626	Music And Sound For Multimedia

#### Semester 2, Year 2

KIB810	Information Architecture
KIB815	Interaction Design 2
KIB821	Virtual Reality
PYB057	Applied Cognitive Psychology

#### Year 3, Semester 1

KIB805	Design Project A
KIB822	Interaction Design 3
KIB813	Contemporary Issues In Technology Design
	Elective

#### Year 3, Semester 2

KIB806	Design Project B
KIB056	Professional Studies
	Elective

### Pathway 3 - Sound Design

#### Year 1, Semester 1

KMB657	Music Production Studies 1
KIB807	Media Technology 1
KMB621	Sound Recording And Acoustics
	Creative Industries Core Unit

#### Year 1, Semester 2

KMB658	Music Production Studies 2
KIB808	Media Technology 2
KMB619	Music And Sound Technology
	Choose one from:

KMB640	Sex Drugs Rock N Roll
KMB648	The Music Scene

#### Year 2, Semester 1

KMB659	Music Production Studies 3
KIB809	Interaction Design 1
KMB626	Music And Sound For Multimedia
KMB631	World Music
KMB618	Soundtracks For Film And Television

#### Year 2, Semester 2

KMB660	Music Production Studies 4
KIB815	Interaction Design 2
KMB635	Sound Media Musicianship
	Creative Industries Core Unit

#### Year 3, Semester 1

KMB681	Music Project 1
KMB618	Soundtracks For Film And Television
	Elective

#### Semester 2, Year 3

KMB682	Music Project 2
KIB056	Professional Studies
	Elective

**List A Creative Industries Core Units**

See Bachelor of Creative Industries (KK32) for list.

**Creative Industries Faculty Elective List for 2003**

See Bachelor of Creative Industries (KK32) for list.

**■ Bachelor of Fine Arts (Creative Writing Production) (KW25)**

**Award title:** Bachelor of Fine Arts (Creative Writing Production)

**CRICOS code:** 040306F

**Location:** Gardens Point

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Ms Donna Brien

**Discipline coordinator:** Associate Professor Philip Neilsen

**Course structure**

*Semester 1, Year 1*

KWB250 Introduction To Creative Writing

KWB111 Media Writing

Creative Industries Core Unit  
Elective

*Semester 2, Year 1*

KWB350 Creative Writing: Short Story

KWB229 Film And Television Scriptwriting  
Creative Industries Core Unit  
Elective

*Semester 1, Year 2*

KWB370 Electronic Creative Writing

KWB381 Creative Nonfiction: Arts, Humour, Travel  
Elective

Please select one of the following:

KJB224 Feature Writing

KWB315 Persuasive Writing

*Semester 2, Year 2*

KWB380 Creative Nonfiction: Life Writing

KWB395 Creative Writing Project 1 [12cp]  
Elective

Please select one from the following:

KWB712 Youth Writing

KWB315 Persuasive Writing

*Semester 1, Year 3*

KWB382 Editing And Creative Writing

Elective  
Elective

*Semester 2, Year 3*

KWB396 Creative Writing Project 2 [36cp]

KWB399 The Writing And Publishing Industry

**List A Creative Industries Core Units**

See Bachelor of Creative Industries (KK32) for list.

**Creative Industries Faculty Elective List for 2003**

See Bachelor of Creative Industries (KK32) for list.

**■ Bachelor of Fine Arts (Dance) (KD25)**

**Award title:** Bachelor of Fine Arts (Dance)

**CRICOS code:** 032393B

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Mr Evan Jones

**Course structure**

*Year 1, Semester 1*

KDB125 Deconstructing Dance In History

KDB180 Dance Technique Studies 1

KDX104 Architecture Of The Body

KDX111 Performance 1

*Year 1, Semester 2*

KDB181 Dance Technique Studies 2

KDX112 Performance 2

KDX143 Choreographic Studies 1

KDB221 Integrated Professional Skills

*Year 2, Semester 1*

Creative Industries Core Unit - See List A

KDB182 Dance Technique Studies 3

KDX141 Performance 3

KDX144 Choreographic Studies 2

*Year 2, Semester 2*

KDB114 Australian Dance

KDB183 Dance Technique Studies 4

KDX142 Performance 4

KDX145 Choreographic Studies 3

*Year 3, Semester 1*

Creative Industries Core Unit - See List A

KDB193 Dance Project 1A

KDB158 Dance And Technology 1

Choose one of the following:

KDB171 Theatre Dance Styles

KSB011 Music Theatre Skills

Elective

*Year 3, Semester 2*

KDB159 Dance And Technology 2

KDB199 Dance Project 1B

Choose two from the following:

KDB172 World Dance

Elective

Elective

**List A Creative Industries Core Units**

See Bachelor of Creative Industries (KK32) for list.

**Creative Industries Faculty Elective List for 2003**

See Bachelor of Creative Industries (KK32) for list.

**■ Bachelor of Fine Arts (Fashion Design) (KF25)**

**Award title:** Bachelor of Fine Arts (Fashion Design)

**Location:** Kelvin Grove

**Course duration (full-time):** 3 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Discipline coordinator:** TBA

**Course structure**

*Semester 1, Year 1*

KFB401 Design Studio 1

KVB757 1/2 Drawing For Fashion 1

KFB407 1/2 Textiles

KDX104 Architecture Of The Body

Creative Industries Core Unit - See List A

*Semester 2, Year 1*

KFB402 Design Studio 2

KVB757 2/2 Drawing For Fashion 1

KFB407 2/2 Textiles

KFB408 Fashion In Context

ADB931 Introduction To History, Theory And Criticism

*Semester 1, Year 2*

KFB758 1/2 Drawing for Fashion 2

KFB410 1/2 Research Seminar

KFB403 Design Studio 3

MGB233 Creating New Enterprises

Creative Industries Core Unit - See List A

*Semester 2, Year 2*

KFB404 Design Studio 4

KFB758 2/2 Drawing for Fashion 2

KFB410 2/2 Research Seminar

Elective (List B)

Fashion Elective - Choose one from:

KFB411 Advanced Textiles

KVB759 Fashion Illustration

KJB339 Fashion Journalism

KFB414 Cross Media Design Applications

*Semester 1, Year 3*

KFB405 Design Studio 5

Elective (List B)

Fashion Elective - Choose one from:

KFB411 Advanced Textiles

KVB759 Fashion Illustration

KFB414 Cross Media Design Applications

KFB415 Design Project  
**Semester 2, Year 3**  
 KFB406 Design Studio 6  
 KFB056 Professional Studies (Fashion)  
 KFB412 Applied Planning

**List A Creative Industries Core Units**

See Bachelor of Creative Industries (KK32) for list.

**Creative Industries Faculty Elective List for 2003**

See Bachelor of Creative Industries (KK32) for list.

**■ Bachelor of Fine Arts (Film and Television) (KP25)**

**Award title:** Bachelor of Fine Arts (Film and Television)

**CRICOS code:** 040299M

**Location:** Gardens Point

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Discipline coordinator:** Ms Helen Yeates

**Course structure - Production Pathway**

**Semester 1, Year 1**

KWB111 Media Writing  
 KPB155 Media Production  
 KPB141 Film And Television Language  
 Creative Industries Core Unit

**Semester 2, Year 1**

KPB185 Informational Production  
 KPB147 Film And Television Genres  
 KPB359 Film History  
 Creative Industries Core Unit

**Semester 1, Year 2**

KPB190 Creative Production  
 KPB314 Media Business  
 Elective

**Semester 2, Year 2**

KPB265 Corporate Production  
 KWB229 Film And Television Scriptwriting  
 Elective

**Semester 1, Year 3**

KPB358 Documentary Theory And Practice  
 KPB268 Film And Television Drama Practice  
 KPB275 Video Drama Production

**Semester 2, Year 3**

KPB360 Documentary Production  
 KPB270 Film Drama Production

**Course structure - Writing for Screen Pathway**

**Semester 1, Year 1**

KWB250 Introduction To Creative Writing  
 KWB111 Media Writing  
 KPB155 Media Production  
 Creative Industries Core Unit

**Semester 2, Year 1**

Elective  
 KWB350 Creative Writing: Short Story  
 KPB185 Informational Production  
 Creative Industries Core Unit

**Semester 1, Year 2**

KWB229 Film And Television Scriptwriting  
 Elective

KPB190 Creative Production

**Semester 2, Year 2**

KWB380 Creative Nonfiction: Life Writing  
 KWB399 The Writing And Publishing Industry  
 KPB265 Corporate Production

**Semester 1, Year 3**

KWB370 Electronic Creative Writing  
 KTB307 Writing For Performance  
 KPB314 Media Business  
 KPB268 Film And Television Drama Practice

**Semester 2, Year 3**

KWB712 Youth Writing  
 KWB395 Creative Writing Project 1 [12cp]  
 KPB270 Film Drama Production

**Course structure - Multimedia Pathway**

**Semester 1, Year 1**

KWB111 Media Writing  
 KPB155 Media Production  
 KIB807 Media Technology 1  
 Creative Industries Core Unit

**Semester 2, Year 1**

KPB185 Informational Production  
 KIB808 Media Technology 2  
 KIB816 Interactive Writing  
 Creative Industries Core Unit

**Semester 1, Year 2**

KPB190 Creative Production  
 KIB809 Interaction Design 1  
 KIB803 Temporal Media

**Semester 2, Year 2**

KWB229 Film And Television Scriptwriting  
 KIB804 3-D Animation 1  
 KIB810 Information Architecture  
 KMB626 Music And Sound For Multimedia

**Semester 1, Year 3**

KPB358 Documentary Theory And Practice  
 KPB314 Media Business  
 KIB805 Design Project A  
 Elective

**Semester 2, Year 3**

KPB360 Documentary Production  
 KIB822 Interaction Design 3  
 Elective

**List A Creative Industries Core Units**

See Bachelor of Creative Industries (KK32) for list.

**Creative Industries Faculty Elective List for 2003**

See Bachelor of Creative Industries (KK32) for list.

**■ Bachelor of Fine Arts (Technical Production) (KS26)**

**Award title:** Bachelor of Fine Arts (Technical Production)

**CRICOS code:** 040301M

**Location:** Kelvin Grove

**Course duration (full-time):** 3 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Mr George Meijer

**Course structure**

**Year 1, Semester 1**

KSB274 Theatrecraft  
 KSB289 Technical Production 1  
 Creative Industries Core Unit  
 Elective

**Year 1, Semester 2**

KMB621 Sound Recording And Acoustics  
 KSB292 Stage Management 1  
 KTB251 20th Century Stages  
 Creative Industries Core Unit

**Year 2, Semester 1**

KSB290 Technical Production 2  
 KSB293 Stage Management 2  
 KTB253 Staging Australia  
 Elective

**Year 2, Semester 2**

KSB291 Technical Production 3  
 KTB271 Studies In Directing  
 KSB276 Visual Theatre - Design  
 Elective

**Semester 1, Year 3**

KSB294 Stage Management 3  
 KSB255 Theatre Project 1  
 Elective

**Semester 2, Year 3**

KTB056 Professional Studies  
 KSB256 Theatre Project 2

**List A Creative Industries Core Units**

See Bachelor of Creative Industries (KK32) for list.



**Creative Industries Faculty Elective List for 2003**

See Bachelor of Creative Industries (KK32) for list.

■ **Bachelor of Fine Arts (Visual Arts) (KV25)**

**Award title:** Bachelor of Fine Arts (Visual Arts)

**CRICOS code:** 040302K

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Victoria Garnons-Williams

**Course structure - Studio Arts**

*Studio Arts, Semester 1, Year 1*

KVB740 Studio Art Practice 1  
KVB702 Australian And Indigenous Art  
Creative Industries Core Unit

*Studio Arts, Semester 2, Year 1*

KVB741 Studio Art Practice 2  
KVB701 Modernism  
Elective

*Studio Arts, Semester 1, Year 2*

KVB742 Studio Art Practice 3  
KVB444 Contemporary Asian Visual Culture  
Creative Industries Core Unit

*Studio Arts, Semester 2, Year 2*

KVB743 Studio Art Practice 4  
KVB703 Video Art And Culture  
Elective

*Studio Arts, Semester 1, Year 3*

KVB744 Studio Project 1  
KVB712 Contemporary Art Issues  
Elective

*Studio Arts, Semester 2, Year 3*

KVB745 Studio Project 2  
KVB704 Theories Of Spatial Culture  
Elective

**Course structure - Intermedia Arts**

*Intermedia Arts, Semester 1, Year 1*

KVB740 Studio Art Practice 1  
KMB657 Music Production Studies 1  
Creative Industries Core Unit

*Intermedia Arts, Semester 2, Year 1*

KVB741 Studio Art Practice 2  
KMB658 Music Production Studies 2  
KKB818 Introduction To Multimedia Technology

*Intermedia Arts, Semester 1, Year 2*

KMB659 Music Production Studies 3  
KIB808 Media Technology 2  
Creative Industries Core Unit

KMB621 Sound Recording And Acoustics

*Intermedia Arts, Semester 2, Year 2*

KMB626 Music And Sound For Multimedia  
KMB638 Sound And Image  
KVB703 Video Art And Culture  
KMB635 Sound Media Musicianship

*Intermedia Arts, Semester 1, Year 3*

KMB681 Music Project 1  
KVB744 Studio Project 1  
KIB809 Interaction Design 1  
KVB712 Contemporary Art Issues

*Intermedia Arts, Semester 2, Year 3*

KMB682 Music Project 2  
KVB745 Studio Project 2  
Elective  
Elective

**List A Creative Industries Core Units**

See Bachelor of Creative Industries (KK32) for list.

**Creative Industries Faculty Elective List for 2003**

See Bachelor of Creative Industries (KK32) for list.

■ **Bachelor of Journalism (KJ32)**

**Award title:** Bachelor of Journalism

**CRICOS code:** 040293F

**Location:** Gardens Point

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Discipline coordinator:** Roger Patching

**Career Opportunities**

Graduates work as journalists for newspapers, magazines, television, radio, and online publications, as well as in public relations, media management and corporate communications.

**Course structure**

*Semester 1, Year 1*

KJB120 Newswriting  
KJB101 Journalism Information Systems  
Creative Industries Core Unit  
Elective

*Semester 2, Year 1*

KJB121 Journalistic Inquiry  
KJB180 Speech Communication For Journalists  
Creative Industries Core Unit  
KKB275 Creative Industries Legal Issues

*Semester 1, Year 2*

KJB239 Journalism Ethics And Issues  
KJB224 Feature Writing  
KPB155 Media Production  
Creative Industries Core Unit

*Semester 2, Year 2*

KJB232 Radio And Television Journalism 1  
Creative Industries Core Unit  
Elective  
Elective

*Semester 1, Year 3*

KJB322 Desktop Publishing And Editing  
KJB338 Radio And Television Journalism 2  
Elective  
Elective

*Semester 2, Year 3*

KJB303 News Production  
KJB337 Public Affairs Reporting  
Elective  
Elective

**Creative Industries Faculty Elective List for 2003**

See Bachelor of Creative Industries (KK32) for list.

**List A Creative Industries Core Units**

See Bachelor of Creative Industries (KK32) for list.

**List C: Sub-Majors**

See Bachelor of Creative Industries (KK32) for list.

■ **Bachelor of Music (KM32)**

**Award title:** Bachelor of Music

**CRICOS code:** 022140F

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Course coordinator:** Aspro Adrian Thomas

**Performance - Instrument or Voice Pathway**

*Year 1, Semester 1*

KMB651 Music Performance Studies 1  
KMB632 Core Musicianship 1  
KMB619 Music And Sound Technology  
Creative Industries Core Unit

*Year 1, Semester 2*

KMB652 Music Performance Studies 2  
KMB633 Core Musicianship 2  
KMB621 Sound Recording And Acoustics  
Choose one from:  
KMB648 The Music Scene  
KMB638 Sound And Image

**Year 2, Semester 1**

- KMB653 Music Performance Studies 3
- KMB630 Music Textures
- KMB637 Jazz And Popular Music Musicianship  
OR
- KMB636 Cross Cultural Musicianship  
Choose one from:
- KMB640 Sex Drugs Rock N Roll
- KMB631 World Music
- KMB616 Ensemble Project A

**Year 2, Semester 2**

- KMB654 Music Performance Studies 4
- KMB635 Sound Media Musicianship  
OR
- KMB634 Contemporary Art Music Musicianship  
Creative Industries Core Unit  
Choose one from:
- KMB622 Second Study 1
- KMB617 Arranging
- KMB638 Sound And Image

**Year 3, Semester 1**

- KMB681 Music Project 1  
Elective  
Creative Industries Core Unit  
Choose one from:
- KMB618 Soundtracks For Film And Television
- KMB631 World Music
- KMB623 Conducting
- KMB616 Ensemble Project A
- KMB629 Ensemble Project B
- KMB640 Sex Drugs Rock N Roll
- KMB636 Cross Cultural Musicianship
- KMB637 Jazz And Popular Music Musicianship

**Year 3, Semester 2**

- KMB682 Music Project 2  
Elective  
Choose one from:
- KMB617 Arranging
- KMB056 Professional Studies
- KMB622 Second Study 1
- KMB648 The Music Scene
- KMB638 Sound And Image
- KKB057 Independent Study
- KMB635 Sound Media Musicianship
- KMB634 Contemporary Art Music Musicianship

**Performance - Music Theatre Pathway**

**Year 1, Semester 1**

- KMB651 Music Performance Studies 1
- KMB632 Core Musicianship 1
- KMB619 Music And Sound Technology  
Creative Industries Core Unit

**Year 1, Semester 2**

- KMB652 Music Performance Studies 2
- KMB633 Core Musicianship 2
- KMB621 Sound Recording And Acoustics  
Choose one from:
- KMB648 The Music Scene
- KMB638 Sound And Image

**Year 2, Semester 1**

- KMB653 Music Performance Studies 3
- KMB630 Music Textures
- KMB637 Jazz And Popular Music Musicianship  
OR
- KMB636 Cross Cultural Musicianship  
Choose one from:
- KDB171 Theatre Dance Styles
- KTB208 Elements Of Drama

**Year 2, Semester 2**

- KMB654 Music Performance Studies 4
- KMB635 Sound Media Musicianship  
OR
- KMB634 Contemporary Art Music Musicianship  
Creative Industries Core Unit
- KDB176 Popular Dance Styles

**Year 3, Semester 1**

- KMB681 Music Project 1  
Choose two from:
- KDB171 Theatre Dance Styles

- KMB638 Sound And Image
- KMB631 World Music
- KTB208 Elements Of Drama
- KMB618 Soundtracks For Film And Television
- KMB640 Sex Drugs Rock N Roll
- KMB637 Jazz And Popular Music Musicianship
- KMB639 Music Directing
- KMB636 Cross Cultural Musicianship

**Year 3, Semester 2**

- KMB682 Music Project 2  
Elective  
Choose one from:
- KMB056 Professional Studies
- KMB617 Arranging
- KMB631 World Music
- KKB057 Independent Study
- KMB635 Sound Media Musicianship
- KMB634 Contemporary Art Music Musicianship
- KMB648 The Music Scene

**Performance - Associate Artist Pathway**

**Year 1, Semester 1**

- KMB651 Music Performance Studies 1
- KMB632 Core Musicianship 1
- KMB619 Music And Sound Technology  
Creative Industries Core Unit

**Year 1, Semester 2**

- KMB652 Music Performance Studies 2
- KMB633 Core Musicianship 2
- KMB621 Sound Recording And Acoustics  
Choose one from:
- KMB638 Sound And Image
- KMB648 The Music Scene

**Year 2, Semester 1**

- KMB653 Music Performance Studies 3
- KMB630 Music Textures
- KMB637 Jazz And Popular Music Musicianship  
OR
- KMB636 Cross Cultural Musicianship  
Choose one from:
- KMB640 Sex Drugs Rock N Roll
- KMB631 World Music
- KMB616 Ensemble Project A

**Year 2, Semester 2**

- KMB654 Music Performance Studies 4
- KMB635 Sound Media Musicianship  
OR
- KMB634 Contemporary Art Music Musicianship  
Creative Industries Core Unit
- KMB622 Second Study 1

**Year 3, Semester 1**

- KMB681 Music Project 1  
Elective  
Choose one from:
- KMB616 Ensemble Project A
- KMB629 Ensemble Project B
- KMB640 Sex Drugs Rock N Roll

**Year 3, Semester 2**

- KMB682 Music Project 2  
Elective  
Choose one from:
- KMB617 Arranging
- KMB056 Professional Studies
- KMB622 Second Study 1
- KMB648 The Music Scene
- KMB638 Sound And Image
- KKB057 Independent Study
- KMB635 Sound Media Musicianship
- KMB634 Contemporary Art Music Musicianship

**Production - Singer Songwriter Pathway**

**Year 1, Semester 1**

- KMB657 Music Production Studies 1
- KMB632 Core Musicianship 1
- KMB619 Music And Sound Technology  
Creative Industries Core Unit

**Year 1, Semester 2**

- KMB658 Music Production Studies 2
- KMB633 Core Musicianship 2

KMB621 Sound Recording And Acoustics  
Choose one from:

KMB640 Sex Drugs Rock N Roll  
KMB638 Sound And Image

**Year 2, Semester 1**

KMB659 Music Production Studies 3  
KMB630 Music Textures  
KMB637 Jazz And Popular Music Musicianship  
OR  
KMB636 Cross Cultural Musicianship

Choose one from:

KMB631 World Music  
KMB616 Ensemble Project A  
KMB640 Sex Drugs Rock N Roll

**Year 2, Semester 2**

KMB660 Music Production Studies 4  
KMB635 Sound Media Musicianship  
OR  
KMB634 Contemporary Art Music Musicianship  
Creative Industries Core Unit

KMB617 Arranging

**Year 3, Semester 1**

KMB681 Music Project 1  
Elective  
Choose one from:

KMB631 World Music  
KMB629 Ensemble Project B  
KMB640 Sex Drugs Rock N Roll  
KMB616 Ensemble Project A  
KMB623 Conducting  
KMB637 Jazz And Popular Music Musicianship  
KMB636 Cross Cultural Musicianship

**Year 3, Semester 2**

KMB682 Music Project 2

Elective

Choose one from:

KMB056 Professional Studies  
KMB648 The Music Scene  
KKB057 Independent Study  
KMB635 Sound Media Musicianship  
KMB634 Contemporary Art Music Musicianship  
KMB638 Sound And Image  
KMB626 Music And Sound For Multimedia

**Production - Composing for Mixed Media Pathway**

**Year 1, Semester 1**

KMB657 Music Production Studies 1  
KMB632 Core Musicianship 1  
KMB619 Music And Sound Technology  
Creative Industries Core Unit

**Year 1, Semester 2**

KMB658 Music Production Studies 2  
KMB633 Core Musicianship 2  
KMB621 Sound Recording And Acoustics  
Choose one from:

KMB638 Sound And Image  
KMB648 The Music Scene

**Year 2, Semester 1**

KMB659 Music Production Studies 3  
KMB630 Music Textures  
KMB637 Jazz And Popular Music Musicianship  
OR

KMB636 Cross Cultural Musicianship

Choose one from:

KMB631 World Music  
KPB141 Film And Television Language  
KMB618 Soundtracks For Film And Television  
KMB640 Sex Drugs Rock N Roll

**Year 2, Semester 2**

KMB660 Music Production Studies 4  
KMB635 Sound Media Musicianship  
OR  
KMB634 Contemporary Art Music Musicianship  
Creative Industries Core Unit

Choose one from:

KPB155 Media Production  
KMB617 Arranging  
KMB626 Music And Sound For Multimedia

**Year 3, Semester 1**

KMB681 Music Project 1

Elective

Choose one from:

KMB618 Soundtracks For Film And Television  
KPB155 Media Production  
KPB141 Film And Television Language  
KMB616 Ensemble Project A  
KMB637 Jazz And Popular Music Musicianship  
KMB636 Cross Cultural Musicianship  
KMB640 Sex Drugs Rock N Roll

**Year 3, Semester 2**

KMB682 Music Project 2

Elective

Choose one from:

KMB056 Professional Studies  
KMB648 The Music Scene  
KMB617 Arranging  
KKB057 Independent Study  
KMB635 Sound Media Musicianship  
KMB634 Contemporary Art Music Musicianship  
KPB155 Media Production  
KMB638 Sound And Image

**Production - Digital Media Pathway**

**Year 1, Semester 1**

KMB657 Music Production Studies 1  
KMB632 Core Musicianship 1  
KMB619 Music And Sound Technology  
Creative Industries Core Unit

**Year 1, Semester 2**

KMB658 Music Production Studies 2  
KMB633 Core Musicianship 2

KMB621 Sound Recording And Acoustics

Choose one from:

KMB638 Sound And Image  
KMB648 The Music Scene

**Year 2, Semester 1**

KMB659 Music Production Studies 3  
KMB630 Music Textures  
KMB637 Jazz And Popular Music Musicianship  
OR

KMB636 Cross Cultural Musicianship

Choose one from:

KMB631 World Music  
ITB410 Software Development 1  
KMB640 Sex Drugs Rock N Roll

**Year 2, Semester 2**

KMB660 Music Production Studies 4  
KMB635 Sound Media Musicianship  
OR  
KMB634 Contemporary Art Music Musicianship  
Creative Industries Core Unit

Choose one from:

KMB626 Music And Sound For Multimedia  
ITB411 Software Development 2  
ITB107 Programming Laboratory

**Year 3, Semester 1**

KMB681 Music Project 1

Elective

Choose one from:

KIB807 Media Technology 1  
ITB463 Pattern Recognition  
KMB616 Ensemble Project A  
ITB107 Programming Laboratory  
KMB637 Jazz And Popular Music Musicianship  
KMB636 Cross Cultural Musicianship

**Year 3, Semester 2**

KMB682 Music Project 2

Elective

Choose one from:

KMB056 Professional Studies  
KMB648 The Music Scene  
ITB411 Software Development 2  
ITB463 Pattern Recognition  
ITB107 Programming Laboratory  
KMB638 Sound And Image  
KKB057 Independent Study  
KMB635 Sound Media Musicianship

**Production - Recording and Sound Pathway**

**Year 1, Semester 1**

- KMB657 Music Production Studies 1
- KMB632 Core Musicianship 1
- KMB619 Music And Sound Technology  
Creative Industries Core Unit

**Year 1, Semester 2**

- KMB658 Music Production Studies 2
- KMB633 Core Musicianship 2
- KMB621 Sound Recording And Acoustics  
Choose one from:
- KMB638 Sound And Image
- KMB648 The Music Scene

**Year 2, Semester 1**

- KMB659 Music Production Studies 3
- KMB630 Music Textures
- KMB637 Jazz And Popular Music Musicianship  
OR
- KMB636 Cross Cultural Musicianship  
Choose one from:
- KMB631 World Music
- KMB618 Soundtracks For Film And Television
- KMB640 Sex Drugs Rock N Roll

**Year 2, Semester 2**

- KMB660 Music Production Studies 4
- KMB635 Sound Media Musicianship  
OR
- KMB634 Contemporary Art Music Musicianship  
Creative Industries Core Unit  
Choose one from:

- KPB155 Media Production
- KMB617 Arranging

**Year 3, Semester 1**

- KMB681 Music Project 1  
Elective  
Choose one from:
- KMB618 Soundtracks For Film And Television
- KMB637 Jazz And Popular Music Musicianship
- KMB636 Cross Cultural Musicianship
- KMB640 Sex Drugs Rock N Roll
- KMB616 Ensemble Project A
- KIB807 Media Technology 1

**Year 3, Semester 2**

- KMB682 Music Project 2  
Elective  
Choose one from:
- KMB056 Professional Studies
- KMB648 The Music Scene
- KMB617 Arranging
- KKB057 Independent Study
- KMB635 Sound Media Musicianship
- KMB634 Contemporary Art Music Musicianship
- KPB155 Media Production
- KMB638 Sound And Image

**List A Creative Industries Core Units**

See Bachelor of Creative Industries (KK32) for list.

**Creative Industries Faculty Elective List for 2003**

See Bachelor of Creative Industries (KK32) for list.

**■ Associate Degree (Dance) (KD15)**

**Award title:** Associate Degree (Dance)

**CRICOS code:** 018478C

**Location:** Kelvin Grove

**Course duration (full-time):** 2 Years

**Total credit points:** 192

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Mr Evan Jones

**Associate Degree in Dance**

**Year 1, Semester 1**

- KDX111 Performance 1
- KDX104 Architecture Of The Body
- KDB180 Dance Technique Studies 1
- KDB125 Deconstructing Dance In History  
International students have an option to study the following instead of KDB125:

- QCD110 Communication For Business 1

**Year 1, Semester 2**

- KDX112 Performance 2
- KDB181 Dance Technique Studies 2
- KDX143 Choreographic Studies 1
- KDB221 Integrated Professional Skills  
International students have an option to study the following instead of KDB172:

- QCD210 Communication For Business 2

**Year 2, Semester 1**

- KDX144 Choreographic Studies 2
- KDX141 Performance 3
- KDB182 Dance Technique Studies 3  
Choose one from the following:
- KDB171 Theatre Dance Styles
- KSB011 Music Theatre Skills  
Elective

**Semester 2, Year 2**

- KDB183 Dance Technique Studies 4
- KDX142 Performance 4
- KDX145 Choreographic Studies 3  
Elective List B

**Creative Industries Faculty Elective List for 2003**

See Bachelor of Creative Industries (KK32) for list.

**■ Advanced Certificate in Dance Teaching (KD06)**

**Award title:** Advanced Certificate in Dance Teaching

**Location:** External

**Course duration (full-time):** 2 semester

**Course duration (external):** 1 semester full-time; 2 semesters part-time

**Total credit points:** 96

**Course coordinator:** Ms Jude Smith

**Course Structure**

Students are required to complete eight units. Students should contact the Course Coordinator to discuss their enrolment program

**Full-time Students**

Select three units from both First and Second semesters and both units in the Summer Program.

**Part-time Students**

Select two units from both First and Second semesters and one or both units in the Summer Program.

**First Semester**

- KDB189 Dance Assessment And Reporting
- KDB190 Professional Practice And Business Administration For Dance Teachers
- KDB191 Dance Teaching Methodologies
- KDB192 Stagecraft And Costume For Dance
- KDB197 Dance Analysis And Dance Histories
- KDB198 Safe Dance Practice

**Second Semester**

- KDB189 Dance Assessment And Reporting
- KDB190 Professional Practice And Business Administration For Dance Teachers
- KDB191 Dance Teaching Methodologies
- KDB192 Stagecraft And Costume For Dance
- KDB197 Dance Analysis And Dance Histories
- KDB198 Safe Dance Practice

**Summer Program**

(Full-time students select both units, part-time students select one or both units)

- KDB195 Dance Teaching Studies 1
- KDB196 Dance Teaching Studies 2

**■ Certificate in Dance Teaching (KD05)**

**Award title:** Certificate in Dance Teaching

**Location:** External

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 1 year

**Total credit points:** 48

**Course coordinator:** Jude Smith

### **Course Structure**

Students are required to complete four units - the core unit (KDB198) and 3 electives. Students should contact the Course Coordinator to discuss their enrolment program.

#### ***Full-time Students***

Select four units (one core (KDB198) and three electives) from either First or Second Semester.

#### ***Part-time Students***

Select four units (one core (KDB198) and three electives) across First or Second Semester. Students may choose to replace one elective with the summer residency.

#### ***First Semester***

KDB198 Safe Dance Practice

KDB189 Dance Assessment And Reporting

KDB190 Professional Practice And Business Administration For Dance Teachers

KDB191 Dance Teaching Methodologies

KDB197 Dance Analysis And Dance Histories

#### ***Second Semester***

KDB198 Safe Dance Practice

KDB189 Dance Assessment And Reporting

KDB190 Professional Practice And Business Administration For Dance Teachers

KDB191 Dance Teaching Methodologies

KDB197 Dance Analysis And Dance Histories

#### ***Summer Program***

KDB195 Dance Teaching Studies 1



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# Education

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## OVERVIEW

QUT's Faculty of Education is the largest provider of teacher education in Australia with over 5000 students; over 2000 of which are in postgraduate courses.

The strong, practical theme in the faculty's courses provides a balance of theory and practical skills that ensures graduates are not limited by the employment opportunities provided by classroom teaching alone.

Based at the Kelvin Grove campus of QUT, the faculty comprises four schools. Courses meet national and international standards with our continuing commitment to preservice teacher education backed by a growing commitment to inservice teacher education and postgraduate programs, and an extension into allied professional and academic areas.

## SENIOR STAFF

### Faculty Office

*Dean:* Professor Vi McLean, DipT *BKTC*, BEdSt *Qld*, MEd PhD *Arizona*

*Assistant to the Dean (BEd):* Dr T. Aspland, DipT *KPACAE*, BEdSt *Qld*, BA *Qld*, MEd (Vic), PhD *Qld*

Director, Academic Programs: Dr I Macpherson, BA, DipEd, BEd, MEdSt *Qld*, Phd *PennState*, MACE

*Faculty Administration Manager:* B. Zebergs

### School of Cultural and Language Studies in Education

*Head:* Associate Professor W.T. Corcoran, BA DipEd *Qld*, MLitt *NE*, MA PhD *Alta*

*Professor:* N. Kyle, BA(Hons) PhD *N'cle*

*Associate Professors:*

P.A. McKay, BEd *SACAE*, MA *ASU*, PhD *Qld*

P. Singh, DipT *TCAE*, BEdSt(Hons) *Qld*, PhD *Qld*

S.C. Taylor, BSc(Hons) DipEd *Leic*, BEd(Hons) PhD *James Cook*

### School of Early Childhood

*Head:* C. Tayler, DipTeach BEd *MLCAE*, PhD *UWA*, FACE

*Associate Professors:*

S.K. Wright, BEd MEd *Alta*, PhD *N'cle (NSW)*

### School of Learning & Professional Studies

*Head:* Professor: W. Patton, BEd *James Cook*, BA(Hons) PhD *Qld*

*Professor:* G.M. Boulton-Lewis, CertT *NSW*, MEd *Canberra CAE*, BA PhD *Qld*, FACE

*Associate Professors:*

R.R. Ballantyne, BA(Hons) UED MA *Natal*, PhD *CapeT*

B. Delahaye, BBus *QIT*, MBA *Qld*, PhD *Griff*, CMAHRI, AIMM

R.G. Elliott, BSc, BEd(Hons) PhD *Qld*

### School of Mathematics, Science and Technology Education

*Head:* Professor T.J. Cooper, BSc(Hons) DipEd PhD *Adel*.

*Professors:*

L.D. English, DipT BEd MEd *KGCAE*, PhD *Qld*

C.J. McRobbie, BSc BEd *Qld*, MSc *Pacific*, PhD *Monash*, MACE, MRACI

centres, namely the Centre for Mathematics, Science and Technology Education, and the interdisciplinary Centre for Innovation in Education.

A key feature of the new structure is that neither is focused solely on the interests of any one school in the Faculty. Both new centres draw on a faculty-wide research model for their respective foci and both centres are committed to:

- borderlessness (optimising cooperation across disciplinary distinctions)
- responsiveness (industry-defined needs)
- innovation (setting up new 'shopfronts' and 'clusters')
- integration (shared services and infrastructure)
- sharing of administrative systems (optimising efficiency)

### Centre for Mathematics, Science and Technology Education

The major focus of research in the new centre is knowledge work and the knowledge worker in scientific and technological domains. This includes formal and informal education, community and organisational contexts relating to elements of mathematics, natural, physical and environmental sciences, engineering design and technology, and information and communication technologies:

- building and applying scientific and technological knowledge
- scientific and technological knowledge - social and cultural issues
- globalisation, policy and futures perspectives

### Centre for Innovation in Education

The centre crosses all areas of educational specialisations in early childhood, cognitive processes, language and literacy studies and curriculum development, with a focus on:

- pedagogy and lifespan learning
- policy development and service delivery
- learning organisations in social contexts

## RESEARCH CENTRES

In June 2002 the faculty of education undertook a major restructure of its research centres to take the Faculty to an even higher level of research productivity. The existing two university research centres and three school-based research centres are being disestablished, and work is underway to create two exciting new



## Doctor of Education (ED11)

**Award title:** Doctor of Education

**CRICOS code:** 015023C

**Location:** Kelvin Grove

**Course duration (part-time):** 3.5 years for holders of a relevant Masters degree; 4.5 years without a relevant Masters

**Total credit points:** 288

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Susan Danby

### Entry requirements

- (i) A four-year education degree or its equivalent with First Class Honours or Honours IIA or a masters degree in education or in a field relevant to the professional doctorate in education; and
- (ii) two years practice in a position of professional responsibility in education or a closely related field.

### Provisional Enrolment

With the Dean of Education's approval, students with less qualifications but exemplary professional practice may be given provisional entry.

- (i) A candidate so admitted shall be required to complete the four designated qualifying units at credit level (grade of 5) or better.
- (ii) A candidate who completes course units at a satisfactory level during the period of provisional enrolment will be permitted to count these units towards the degree.
- (iii) Unless the Faculty Academic Board accepts that exceptional circumstances justify extension of provisional status, it must be cleared within one calendar year from enrolment in the course. Such clearance will require submission of a positive recommendation by the Course Coordinator for approval by the Faculty Academic Board. The maximum period of extension of provisional candidature shall be one year.

### Procedure for Enrolment

- (i) Before submitting an application for enrolment, a potential candidate shall consult the Course Coordinator who will assist in the preparation of the appropriate application form concerning eligibility and special interests.
- (ii) A person seeking admission to the course shall apply on the appropriate application form through the Research Student Centre. The completed application form should be accompanied by any specified documentation. This will include a proposal for a course of study and research to be pursued for the purpose of obtaining the degree and other requirements as specified in the form. A person relying on qualifications from another institution of higher education shall furnish with their application evidence of such qualifications. After acknowledgement and recording of basic information by the Research Student Centre, the application will be forwarded for consideration to the Course Coordinator.
- (iii) The Course Coordinator will forward recommendations on applications to the Dean for approval before forwarding official advice to all applicants on the outcome of their applications through the Research Student Centre.

### Course of Study

#### Length

- (i) Candidates for the degree of Doctor of Education will normally be required to complete their course in at least 3.5 years of part-time study.
- (ii) Without the permission of the Faculty Academic Board, no full-time candidate for the degree of EdD shall submit a thesis for examination more than 24 months from the date on which registration in the program was granted. The corresponding period in the case of a part-time candidate shall be 42 months.

- (iii) Where a candidate wishes to change from full-time to part-time registration, or vice versa, application must be made to the Faculty Academic Board on the appropriate form. All such applications must specify the revised date of expected completion.
- (iv) Where application is made for permission to extend the period within which the candidate may submit a thesis for examination, details of the candidate's progress shall be presented to the Faculty Academic Board, together with the reasons for the delay in completing the course and the expected date of completion. Where the Board agrees to an extension, it may set a limit to the maximum period of registration in the EdD program.

#### Credit Points

A candidate for the Doctor of Education award will obtain a total of 72 credit points in coursework, and 216 credit points in the preparation and presentation of a thesis.

Studies in the course of the award will consist of two stages involving specified coursework and a thesis. Satisfactory performance in Stage 1 will be necessary before preparation of the thesis can commence.

#### Course Structure

##### Stage 1: Coursework

The 72 credit points of coursework in Stage 1 will consist of:

- (i) four 12 credit point Master of Education coursework units; and
- (ii) one 24 credit point semester-long unit (EDR703 Interdisciplinary Education Studies [Advanced Seminars]). All candidates do this as their first on-campus summer school.

Note: Students entering the course with an Master of Education degree (or equivalent) should apply for exemption from the four 12 credit point units.

##### Stage 2: Research

These 216 credit points are the thesis component of the award which contains the following steps:

##### Thesis Preparation

During the preparation of the thesis, candidates will be required to demonstrate an understanding of the research process. This understanding will include a capacity to critique research literature, to assess research designs and evaluate the appropriateness of research methodologies. This preparation step will involve a 20,000 word maximum. (This work will be the focus of the first winter school and second summer school).

##### Thesis Confirmation of Candidature

All candidates must prepare and orally present a research proposal. This oral presentation must be accompanied by a 10,000 word paper.

##### Thesis Implementation

All candidates must design, implement and orally defend a thesis of 60,000 words minimum or equivalent.

##### Thesis Submission

Completion and oral presentation of a thesis or alternative to a Faculty review panel for approval; production of the thesis in a suitable form for examination.

##### Transfer of Credit

Application for credit will be considered by the Course Coordinator. Where candidates possess postgraduate qualifications in related and appropriate academic areas, credit up to a maximum of 72 credit points may be granted towards coursework.

##### Supervision

- (i) The criteria for selecting Doctor of Education supervisors are: domain expertise, qualifications and supervisory experience.

Normally, the Principal Supervisor will be a member of the Faculty of Education.

- (ii) Consistent with QUT rules, Doctor of Education students must have a Principal Supervisor and at least one Associate Supervisor.
- (iii) No staff member will normally be permitted to supervise, either as a principal or an associate supervisor, more than six full-time higher degree students concurrently.
- (iv) Faculty of Education staff members appointed as supervisors to Doctor of Education students will normally be members of the Faculty Research Committee: Doctoral Sub-Committee and will be expected to represent that Committee as a panel member at doctoral Confirmation of Candidature and Oral Presentation seminars. Undertaking this role forms part of the Faculty's approach to the staff development of supervisors.
- (v) Where appropriate an associate supervisor may be appointed from industry.

Procedures for selecting the supervisors for Doctor of Education students will be:

- (i) Students may obtain from the Course Coordinator, Heads of School and Directors of Centres information regarding procedures for selection of supervisors.
- (ii) While enrolled in the first semester of study in EDR703 - Interdisciplinary Education Studies, students must have a 'Pro-Tem' Supervisor in consultation with the Course Coordinator and Centre Director and advise the Course Coordinator in writing of the supervisor's details. The student must complete the Nomination of Protem Supervisor form.
- (iii) When the student reaches enrolment in EDR702/3 - Thesis Stage 3 Confirmation, the student must complete the Nomination of Supervisor form providing details of their supervisor.
- (iv) Supervision is discussed with Heads of School, Directors of Centres and with the Course Coordinator.
- (v) The Course Coordinator, after agreement with the relevant Head of School(s) and Directors of Centres, recommends the names of supervisors for specific students to the Faculty Research Committee which, in turn, recommends these supervisors to the Faculty Academic Board.
- (vi) The names of supported supervisors will be transmitted for University approval to the Research Degrees Committee.
- (vii) If the Principal Supervisor leaves the staff of the Faculty of Education, the QUT Associate Supervisor will normally fill the role of acting Principal Supervisor immediately and until a new Principal Supervisor is appointed by the faculty, with the agreement of the candidate. A formal appointment of a new Principal Supervisor must be made within three months of the original Principal Supervisor's departure.

### **Progression, Unsatisfactory Progress and Leave**

#### ***Provisional Leave***

Satisfactory progress for provisional candidates will consist of passing the qualifying requirements or coursework units at a grade of 5 or better (on a 7 point scale).

A provisional candidate who fails to achieve a grade of 5 in any qualifying or Masters coursework units or fails to make satisfactory progress may be excluded from the course upon the recommendation of the coordinator to the Faculty Research Committee.

#### ***Six Monthly Reports***

Progress of students within the course is monitored by six monthly reports completed by the principal supervisor and the student. Six monthly reports are required from the principal supervisor at the end of April and October each year. The report shall be signed by the candidate, principal supervisor, head of school and the director of centre and forwarded to the course coordinator.

#### ***Unsatisfactory Progress***

With respect to the EDR702/1-3 Thesis Stage 1-3, progress which is considered clearly unsatisfactory by the Pro-tem Supervisor, Centre Director and the Course Coordinator may lead to a recommendation by them to the Faculty Academic Board via the Faculty Research Committee that the candidate be excluded from the course.

Before Faculty Research Committee recommends exclusion, the candidate shall be given the opportunity to show cause why this action should not be taken.

In each year of candidature the academic progress of each candidate shall be reviewed by the Course Coordinator. Satisfactory progress for provisional candidates will consist of passing of qualifying requirements or course units at appropriate academic levels.

All students shall be required to confirm their candidature following the procedures outlined within the Confirmation of Candidature policy. Once a student has been confirmed, six monthly reports are required from the principal supervisor at the end of April and October each year. The report is to be reviewed by the Course Coordinator and then forwarded through the Faculty Research Committee to Research Management Committee.

The progress report shall be signed by the candidate and supervisor and submitted through the Head of School and the Director of the Centre. When progress is deemed unsatisfactory by the course coordinator or supervisor, the course coordinator will write to the candidate to request an indication of what action has been or will be taken to ensure progress is satisfactory for the next report. When two consecutive reports indicate unsatisfactory progress, the Faculty Research Committee may require the candidate to show cause against exclusion.

A student excluded under these rules has a right of appeal to the Appeals Committee. Such an appeal must be in writing, stating the grounds and reasons for it, and must reach the Secretary of the Committee within fourteen days of the date on the Registrar's letter advising the student of the exclusion. This appeal will then be referred to the Faculty of Education Academic Board and will be considered by the Faculty of Education Academic Performance Committee.

#### ***Leave***

A candidate who wishes to take leave of absence for a specified period from their EdD program must apply in advance on the prescribed form and return it through the faculty committee, for consideration by the Course Coordinator. International students must consult both the Course Coordinator and the Office of International Students about applying for leave of absence.

Leave of absence will not normally be approved in the coursework components EDR703, EDR702/1-2 except for medical or extenuating circumstances subject to Course Coordinator approval. The maximum period of leave of absence for which a candidate may be given approved leave is 12 months for a full-time candidate and 24 months for a part-time candidate during the term of their candidature. A candidate who wishes to take leave of absence for a longer period must withdraw from candidature and apply for re-entry at a later date, on the prescribed form.

A candidate who has not applied for leave and remains not currently enrolled for a period greater than twelve months will be deemed to have ceased their program of study and their candidature will be terminated. If a candidate is unable to complete the approved course of study the candidate may apply for transfer to an appropriate masters degree.

Candidates are entitled to receive up to twelve months parental (maternity/paternity/ adoption) leave. The Course Coordinator must be notified on the prescribed form and supplied with a medical certificate (and in the case of paternity leave a marriage

certificate or statutory declaration showing the candidate's relationship to the mother), and the written endorsement of the Principal Supervisor. Periods of parental leave shall not be included as part of the 12 or 24 month leave of absence maximum.

### Confirmation of Candidature

Within two years of enrolment for part-time students (or 18 months for full-time students), the student in consultation with their supervisor, should present for confirmation. Failure to do so could result in the candidate's progress being deemed unsatisfactory.

The Confirmation of Candidature Review Panel of the Faculty Research Committee will review the candidate's progress and course of study in the form of a formal seminar presentation, before candidature in the Doctor of Education program can be confirmed. Prior to this occurring the thesis proposal must first be checked by the centre director (or nominee) to ensure it meets the centre quality assurance checks before proceeding to the seminar stage.

Membership of the Confirmation of Candidature Review Panel will consist of the candidate's principal supervisor, one member of the Doctoral Sub-Committee of the Faculty Research Committee and the Director of the relevant Centre or nominee (Chair). The quorum for the Confirmation of Candidature Review Panel is three. The EdD Course Coordinator, Head of School, other staff members and other interested people are welcome to participate in the seminar presentation.

The candidate's principal supervisor, through the Centre Director, should notify the Chair of the Faculty Research Committee on the relevant proforma at least four weeks in advance of the proposal being completed so that a date can be set for the seminar presentation. The Administration Officer (Postgraduate Students) in the Faculty of Education will then issue invitations and arrange a suitable venue.

Three copies of the written proposal should be submitted to the Chair of the Faculty Research Committee no later than four weeks prior to the seminar presentation. The proposal will be read by the members of the Confirmation of Candidature Review Panel prior to the seminar presentation.

The proposal is a comprehensive introduction to the proposed study and should be approximately 10,000 words in length. It will normally be presented when the candidate's progress is such that he or she has completed a thorough review of the literature and has developed a comprehensive, defensible research plan. It is suggested that the proposal be divided into sections reflecting proposed thesis headings. Supervisors will guide students in the preparation of the proposal.

The proposal will normally include:

- the proposed title of the thesis to be written
- the aims and objectives of the proposed program of research and investigation
- its relationship to previous work in the same field (ie, a review of the relevant literature)
- the research design and methods to be followed in the study
- a reference list

Criteria for assessing the proposal include:

- clearly defined research aims and objectives
- feasibility of research project
- appropriate research design and methodology
- evidence that research approach will achieve objectives
- familiarity with literature in field and demonstration of the contribution of the proposed study to the field
- evidence of a capacity to express written ideas in a scholarly way

The Confirmation of Candidature Review Panel will meet after the seminar presentation to determine its recommendation. The

candidate may be required to attend this meeting. The panel will provide feedback to the candidate on the proposal.

After all these steps have been completed to the satisfaction of the Panel, a recommendation will be made through Faculty Research Committee and the Faculty Academic Board to the Research Degrees Committee that the candidate's enrolment in the EdD program be confirmed. The recommendation will consist of:

- an appraisal of the candidate's proposal (including its presentation)
- an appraisal of the candidate's progress and suitability for continuation in the EdD program
- statements of whether the studies continue to be within the aims and objectives and physical and human resources of the Centre.

The Review Panel recommendation must be submitted within one week from the date of confirmation seminar. Where the decision of the Panel is not unanimous, those members of the Panel who disagree with the Chair recommendation will submit a second report indicating the source of the disagreement. The Chair of the Faculty Research Committee (or nominee), will adjudicate on such recommendations and forward his/her recommendation to the Faculty Academic Board.

The student will have the outcomes of the evaluation procedure formally conveyed to him or her by the Research Students' Officer as soon as possible after the outcomes are confirmed through the Research Degrees Committee.

Should the candidate's progress be deemed unsatisfactory, the candidate will be required to submit to the Confirmation of Candidature process on one further occasion within a period of three months of the first seminar. The process for the resubmission is a repeat of the initial one.

If the panel recommends unsatisfactory progress at this point, the candidature will be terminated and the candidate will be offered the opportunity to enrol in one of the Master's courses in Education.

### Thesis Presentation and Examination

#### *Appointment of Examiners*

The Examination Committee shall comprise two external examiners who will examine the thesis plus an additional external examiner to be called upon only if the first two examiners are in disagreement.

Any person who has acted as the candidate's Principal or Associate Supervisor or participated in the candidate's research group or in any capacity where a conflict of interest is seen to exist may not be nominated by the faculty as an examiner.

Examiners must have demonstrable and substantial publications and research experience in the area under investigation, preferably have a doctoral qualification and be widely recognised in the relevant field. At least one of the nominated examiners should be from an internationally recognised university or equivalent research institution and the other may be from industry. However, examiners may be from Australian institutions provided that they are widely recognised as experts with demonstrable and substantial publications and research experience or widely recognized as industry leaders in the relevant industry. At least one examiner must also have had substantial experience of examining research degree candidates at the doctoral level. Agreement will be sought from examiners to examine the thesis within 8 weeks of receipt of the thesis.

#### *Thesis Submission*

- (i) Prior to thesis submission, the thesis proposal must first be checked by the centre director (or nominee) to ensure it meets the centre quality assurance checks before proceeding to the oral presentation stage. After making revisions suggested in the oral presentation, candidates will submit to

the Student Affairs Officer three copies of the thesis, bound in a temporary form as approved by Research Degrees Committee.

- (ii) The thesis must be accompanied by a signed declaration which states that:
  - (a) the candidate has complied with the ethics of experimentation as set out in the publication Guide to Thesis Presentation
  - (b) the thesis is the candidate's own work and that all other sources are correctly acknowledged
  - (c) the thesis has not been submitted to another institution.
- (iii) The thesis must contain a joint declaration signed by both the student and their supervisor stating that the thesis is ready for examination.
- (iv) The Student Affairs Officer will forward copies of the thesis to the Faculty Research Committee for recommendation to Faculty Academic Board that the approved course of study has been completed and that the thesis should be accepted by the Faculty. Copies of the thesis will then be forwarded by the Student Affairs Officer to the Research Degrees Committee together with certification as noted above. Receipt of the thesis by Research Degrees Committee shall constitute the submission of the candidate's thesis for examination.

#### **Thesis Presentation and Examination**

An oral and a written presentation to a Faculty of Education Panel is designed to assist the candidate in a final revision of the thesis and to allow the panel to recommend if the thesis is ready for examination and the formal examination by a University Examination Committee.

#### **Oral Presentation**

- (i) An oral presentation of the thesis shall be made to a Faculty of Education Panel. The presentation will be based on:
  - the work described in the thesis, and
  - the field of study in which the investigation lies.
 The Panel consists of:
  - (a) the Principal Supervisor (Chair)
  - (b) Director of the relevant Centre or nominee
  - (c) a member of the FRC Doctoral Sub-Committee
 The quorum of the Faculty Panel is three.
- (ii) The candidate's principal supervisor, through the Centre Director, shall notify the Student Affairs Officer on the relevant proforma at least four weeks in advance of the presentation. Faculty panel members must each receive a copy of the thesis in temporary binding four weeks in advance of the date set for the oral presentation. A copy of the thesis, bound in temporary cover, must also be provided to each attending member of the University Examination Panel.
- (iii) The Faculty shall advertise and arrange for the presentation which will be open to the public. Members of the University Examination Committee will also be invited to attend but will be required to leave the meeting before the Faculty Oral Panel discussion period.
- (iv) The candidate will be required to leave the room while his/her thesis is under discussion by the Faculty Oral Panel and return immediately following the discussion to review any issues raised.
- (v) The panel may recommend:
  - Thesis be forwarded to the appointed Thesis Examination Committee, subject to minor changes (if required);
  - Thesis be forwarded through the Centre Director and Doctor of Education course coordinator to the Faculty Research Committee, subject to substantial changes made in consultation with the Principal Supervisor;
  - Resubmit for Oral Presentation within three months of the first presentation.

The Review Panel recommendation must be submitted within one month from the date of Oral Presentation. Where

the decision of the Panel is not unanimous, those members of the Panel who disagree with the Chair's recommendation will submit a second report indicating the source of disagreement. The Chair of the Faculty Research Committee (or nominee) will adjudicate on such recommendations and forward his/her recommendation to the Faculty Academic Board.

- (vi) Where the Faculty Research Committee is satisfied that a candidate would be seriously disadvantaged if required to undergo an oral presentation, an alternative form of presentation may be approved. Such approval should not be given solely on the grounds that the applicant's oral competence in the English language is inadequate.

#### **The Formal Examination**

- (i) Examiners will be required to submit a written assessment of the thesis within eight weeks of its receipt. These assessments will be presented on official forms forwarded with the thesis. These forms are available from the Research Students Centre and will deal with the general standard and quality of the work and not with specific detail. Candidates may be required to participate in an oral defence of their thesis but only at the request of the examiners. Each examiner should make one of the following recommendations:
  - (a) Pass - Implying that the thesis be accepted without modification and the degree be awarded; or
  - Pass - Implying that the thesis will be fully satisfactory except for minor editorial changes; or
  - Pass - Implying that the thesis be accepted subject to major revisions, eg rewriting one of the sections, with or without additional work (changes must be made to the satisfaction of the Principal Supervisor or, if further work is required to develop additional evidence for the rewrite, the certification of the Head of School is required.)
  - (b) Resubmit - Implying that the thesis will be fully acceptable when certain necessary corrections or modifications are made by the candidate and resubmitted to the examiners;
  - (c) Fail - Implying that the thesis is not of a suitable standard
- (ii) In all cases an examiner should provide, along with the official assessment form, a separate document indicating where corrections or modifications are required and as appropriate, providing any constructive criticism and comment helpful to the candidate. An examiner will refer to any notably original contributions which the candidate has made and comment on the scope for further research or postgraduate study.
- (iii) The Research Students Centre will forward the set of examiners' assessment forms and the thesis to the Student Affairs Officer who will forward the same on to the Course Coordinator and the relevant centre director.

#### **Examination Outcomes**

##### **Pass by all Examiners**

The Course Coordinator will forward the set of examiners' assessment forms to the Chairperson, Faculty Research Committee, attaching formal recommendation. The Chairperson, Faculty Research Committee makes formal recommendation to the Faculty Academic Board. The Faculty Academic Board will indicate acceptance or otherwise of the recommendation. If a recommendation of type (a) is accepted, the Faculty Academic Board will ask the Course Coordinator to make the examiners' requirements available to the candidate while maintaining the anonymity of the examiners. The Faculty Academic Board will sign an official record indicating satisfaction of all thesis requirements when advised by the course coordinator that all required changes have been completed satisfactorily.

**Resubmit by all Examiners**

The Course Coordinator will forward the set of examiners' assessment forms to the Chairperson, Faculty Research Committee, attaching formal recommendation. The Chairperson, Faculty Research Committee makes formal recommendation to the Faculty Academic Board. The Faculty Academic Board will indicate acceptance or otherwise of the recommendation. If a recommendation of type (b) is accepted, the Faculty Academic Board will ask the Course Coordinator to ensure that the candidate is requested to resubmit the thesis with any necessary corrections or modifications. The revised thesis is forwarded to the examiners for assessment.

**Differing recommendations from Examiners**

If the examiners cannot reach agreement, the Faculty Academic Board will request the Course Coordinator to appoint a chair of the examination panel (internal examiner, associate supervisor or other person approved by Faculty Academic Board). In conjunction with the examiners, the chair will review the recommendations of the individual examiners and recommend a course of action to the Course Coordinator. If the chair indicates that the examiners after review cannot agree on a recommendation, the Course Coordinator will refer the matter to the Examination Research Committee of the Faculty Research Committee, which has been established to make recommendations on areas of disputation among examiners. The Faculty Research Committee will then make recommendation to the Faculty Academic Board. The Board will then (i) recommend the degree not be awarded, or (ii) accept a majority recommendation with or without the advice of a further external examiner.

**Fail by all Examiners**

The Course Coordinator will forward the set of examiners assessment forms to the Chairperson, Faculty Research Committee, attaching formal recommendation. The Chairperson, Faculty Research Committee makes formal recommendation to the Faculty Academic Board. The Faculty Academic Board will indicate acceptance or otherwise of the recommendation. If a recommendation of type (c) is accepted, the normal implication is that the candidate will be excluded from the course. In exceptional circumstances, the Faculty Research Committee may grant the candidate an opportunity to submit a substantially new thesis after a period of not less than six months.

Examiners may recommend that a candidate who has been examined for the degree of EdD be awarded the degree of Master, provided that the candidate meets or can meet the requirements of the Master's program.

**Re-examination of the Thesis**

- (a) A candidate who fails to satisfy the Faculty Academic Board (upon recommendation of the Faculty Research Committee) at the first attempt may, on the recommendations of the examiners and with the approval of the Faculty Academic Board, be re-examined not more than once. Application must be made to the Faculty Academic Board for approval of the re-examination arrangements.
- (b) Re-examination shall take place within 12 months from the date on which the candidate is advised in writing of such re-examination. The Faculty Academic Board may, on application by the candidate and supported by the principal supervisor, approve an extension of this period.
- (c) The examiners must give the candidate guidance on the deficiencies identified by the first examination.
- (d) If a candidate is required to revise and resubmit a thesis, the examiners' reports will be made available to the candidate, the anonymity of the examiners being maintained.
- (e) The Faculty Academic Board on recommendation from the Faculty Research Committee may require that an additional external examiner be appointed for the re-examination.
- (f) Regulations applicable to examinations generally apply to the re-examination.

If the examiners' reports have not been made available to the candidate as part of the examination process, they should be made available once the examination process is complete. The names of examiners will be released to the student at this time if the examiners have indicated willingness to have their identities revealed to the candidate.

**Admission to Degree**

A candidate who:

- (i) fulfils the requirements of these rules, and
- (ii) whose work is of a standard that satisfies the Faculty Academic Board (after considering the results in all units and the reports of all examiners), and
- (iii) has otherwise complied with the provisions of all statutes and other applicable rules,

may be admitted to the degree of Doctor of Education.

**Standard Course structure**

**Year 1, Semester 1**

EDR703 Interdisciplinary Education Studies (Advanced Seminars)

**Year 1, Semester 2**

EDR702/1 Thesis (Preparation)

**Year 2, Semester 1**

EDR702/2 Thesis (Preparation)

**Year 2, Semester 2**

EDR702/3 Thesis (Confirmation)

To complete their Confirmation of Candidature, candidates must prepare and orally present a research proposal which must be accompanied by a 10,000 word paper. Confirmation must occur in the semester of enrolment in EDR702/3.

Students cannot progress to the next stage until they have successfully completed the Thesis Confirmation.

**Year 2, Summer Program**

EDR702/4 Thesis (Implementation)

**Year 3, Semester 1**

EDR702/5 Thesis (Implementation)

**Year 3, Semester 2**

EDR702/6 Thesis (Implementation)

**Year 3, Summer Program**

EDR702/7 Thesis (Implementation)

**Year 4, Semester 1**

EDR702/8 Thesis (Implementation)

**Year 4, Semester 2**

EDR702/9 Thesis (Submission)

**■ Master of Education (Research) (ED12)**

**Award title:** Master of Education (Research)

**CRICOS code:** 002501G

**Location:** Kelvin Grove

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Professor Lyn English

**Entry Requirements**

A four-year education-related degree with a grade point average of at least five (on a seven point scale) or equivalent, with demonstrated potential for further study and evidence of professional standing; OR

a graduate diploma in an education-related field with a grade point average of at least five (on a seven point scale) or equivalent, with a demonstrated potential for further study and evidence of professional standing; OR

an honours degree in an education-related field with a minimum Honours of IIA or IIB.

Applicants who do not have professional experience in an education-related field would normally be expected to demonstrate their potential for further study with a grade point average of six or better.

Admission depends on matching student interests and background to an appropriate supervisor or a supervisory team with relevant expertise as ascertained through interview. A proposal is developed in this initial phase. You may be required to provide satisfactory formal evidence of proficiency in the English language. Some example of recent academic writing may also be required. If you intend to study coursework units as part of your study program you should submit your application well before the next formal semester commences to ensure approval processes are finalised in time.

### Provisional Enrolment

If you do not meet these entry requirements you could be admitted on a provisional basis and be required to undertake preliminary coursework and readings as determined by the course coordinator. After satisfactory completion of preliminary studies, you will be admitted to full candidature.

### Course Structure

The course consists of four stages: preparation, proposal, implementation and submission of a thesis.

#### Preparation

Acquisition of knowledge of a range of appropriate research methods and in-depth knowledge of the research method to be used in the study and commencement of a literature search.

During the preparation stage, students will complete the units EDN611 Understanding Educational Research and EDN612 Conducting Educational Research. Students who have undertaken prior study of an equivalent nature may apply for an exemption from one or both of these units.

#### Proposal

Adoption of an appropriate research design for the proposed research; preparation of a research proposal including a draft review of the literature and research methods; presentation and justification of the proposal to other students and academic staff at a Confirmation of Candidature seminar.

The research proposal must be approved by the Confirmation of Candidature Review Panel before the student proceeds to the implementation stage.

#### Implementation

Implementation involves execution of the research.

#### Submission

Completion and presentation of a thesis at a Final Oral seminar for approval by the final oral review panel; production of the thesis in a suitable form for examination.

### Procedure for Enrolment

Before submitting an application form to enter the course, a candidate should make contact with the course coordinator or staff members who might act a supervisor for the research project. The application form requires the attachment of a preliminary research proposal and assistance from a potential supervisor or supervisors should be sought to prepare this preliminary proposal. The course coordinator, in conjunction with the appropriate centre director, will provide applicants with names of suitable academic staff to approach about supervision. The availability of a suitable supervisor is a necessary prerequisite for admission into the course.

### Special Course Requirements

As a student proceeds through the four stages of the course, he or she will be required to submit a progress report to the course coordinator at the conclusion of each semester.

There is provision in the course structure for students to present their proposal and their research in progress to a research seminar. All students enrolled in this course are to attend such seminars to present their own work and to discuss and evaluate the work of their peers.

### Transfer of Credit

- (i) On the recommendation of the course coordinator, the Dean may grant credit for studies passed at an approved institution of higher education, provided that:
  - (a) the studies are of equivalent standard and value to those offered at the University
  - (b) the studies are appropriate to the candidate's work at the University
  - (c) the studies have not counted towards a previous qualification
  - (d) the studies are not included in those that have been designated as qualifying studies for the course.
- (ii) There shall be no maximum credit granted for units previously completed at this institution prior to enrolment in the Master of Education (Research) award.
- (iii) The maximum credit granted for studies passed elsewhere shall be the equivalent to one semester of full-time study.
- (iv) Credit may be granted for units passed elsewhere after enrolment in the Master of Education (Research) award, provided that the candidate has previously obtained the permission of the Dean to enrol in these units.
- (v) Where credit is granted the Dean may reduce proportionately the candidate's period of enrolment.
- (vi) A candidate who is re-enrolling following withdrawal or termination of candidature may be granted credit for previously successful studies by the Dean upon the recommendation of the course coordinator.

### Supervision

- (i) Normally, the Principal Supervisor will be a member of the Faculty of Education.
- (ii) The University rules for PhD supervisors are supported in regard to principal and associate supervisors.
- (iii) For masters students, a maximum of two supervisors should constitute the supervisory team.
- (iv) Procedures for selection of supervisors may be obtained from Heads of School and Directors of Research Centres.
- (v) It is generally expected that the student will discuss the prospect of supervision with Heads of School or Directors of Research Centres and with the course coordinator.
- (vi) The names of supervisors for specific students are submitted to the Faculty Research Committee which in turn recommends supervisors to the Faculty Academic Board.
- (vii) The names of supported supervisors of students in research degrees will be transmitted for approval to the Research Degrees Committee.

### Confirmation of Candidature

The student will present for confirmation of candidature in consultation with his or her supervisor. Failure to do so could result in the candidate's progress being deemed unsatisfactory.

The Confirmation of Candidature Review Panel of the Faculty Research Committee will review the candidate's progress and course of study in the form of a formal seminar presentation, before candidature in the Master of Education (Research) program can be confirmed. Prior to this occurring the thesis proposal must first be checked by the centre director (or nominee) to ensure it meets the centre quality assurance checks before proceeding to the seminar stage.

Membership of the Confirmation of Candidature Review Panel will consist of the candidate's principal supervisor, one member of the Doctoral Sub-Committee of the Faculty Research Committee and the Director of the relevant Centre or nominee (Chair). The quorum for the Confirmation of Candidature Review Panel is three. The course coordinator, other staff members and other interested people are welcome to participate in the seminar presentation.

The candidate's principal supervisor, through the Centre Director, should notify the Chair of the Faculty Research Committee on the relevant proforma at least four weeks in advance of the proposal

being completed so that a date can be set for the seminar presentation. The Administration Officer (Postgraduate Students) in the Faculty of Education will then constitute the committee, issue invitations and arrange a suitable venue.

Three copies of the written proposal should be submitted to the Chair of the Faculty Research Committee via the Administration Officer no later than four weeks prior to the seminar presentation. The proposal will be read by the members of the Confirmation of Candidature Review Panel prior to the seminar presentation.

The proposal is an introduction to the proposed study and should be approximately 5,000-6,000 words in length. It will normally be presented when the candidate's progress is such that he or she has completed a preliminary review of the literature and has developed a defensible research plan. It is suggested that the proposal be divided into sections reflecting proposed thesis headings. Supervisors will guide students in the preparation of the proposal.

The proposal will normally include:

- the proposed title of the thesis to be written
- the aims and objectives of the proposed program of research and investigation
- its relationship to previous work in the same field (ie, a review of the relevant literature)
- the research design and methods to be followed in the study
- a reference list

Criteria for assessing the proposal include:

- clearly defined research aims and objectives
- feasibility of research project
- appropriate research design and methodology
- evidence that research approach will achieve objectives
- familiarity with literature in field and demonstration of the contribution of the proposed study to the field
- evidence of a capacity to express written ideas in a scholarly way.

The Confirmation of Candidature Review Panel will meet after the seminar presentation to determine its recommendation. The candidate may be required to attend this meeting. The panel will provide feedback to the candidate on the proposal.

After all these steps have been completed to the satisfaction of the Panel, a recommendation will be made through Faculty Research Committee and Faculty Academic Board to the Research Degrees Committee that the candidate's enrolment in the MEd (Research) program be confirmed. The recommendation will consist of:

- an appraisal of the candidate's proposal (including its presentation)
- an appraisal of the candidate's progress and suitability for continuation in the MEd (Research) program
- statements of whether the studies continue to be within the aims and objectives and physical and human resources of the Centre.

The Review Panel recommendation must be submitted within one week from the date of the confirmation seminar. Where the decision of the Panel is not unanimous, those members of the Panel who disagree with the Chair's recommendation will submit a second report indicating the source of the disagreement. The Chair of the Faculty Research Committee (or nominee) will adjudicate on such recommendations and forward his/her recommendation to the Faculty Academic Board.

The student will have the outcomes of the evaluation procedure formally conveyed to him or her by the Research Students' Officer as soon as possible after the outcomes are confirmed through the Research Degrees Committee.

Should the candidate's progress be deemed unsatisfactory, the candidate will be required to submit to the Confirmation of Candidature process on one further occasion within a period of

three months of the first seminar. The process for the resubmission is a repeat of the initial one.

If the panel recommends unsatisfactory progress at this point, the candidature will be terminated.

### **Progression and Unsatisfactory Progress**

#### ***Progression***

In each semester of the candidature, six-monthly progress reports are required from the Principal Supervisor to be reviewed by the course coordinator and then forwarded to the Research Degrees Committee. Satisfactory progress for provisional candidates will consist of passing qualifying requirements or course units at the appropriate levels. For students enrolled in research studies, satisfactory progress will be judged by the submission of a report to the course coordinator.

#### ***Unsatisfactory progress***

When progress is deemed unsatisfactory by the course coordinator or supervisor, the course coordinator will write to the candidate to request an indication of what action has been or will be taken to ensure progress is satisfactory for the next report.

When two consecutive reports indicate unsatisfactory progress, the Dean may require the candidate to show cause against exclusion. A student excluded under these rules has right of appeal to the Academic Appeals Committee.

- (i) With respect to coursework studies, candidates who have failed two or more units or who have otherwise progressed unsatisfactorily may be excluded from the course.
- (ii) With respect to the thesis project, progress which is considered clearly unsatisfactory by both the supervisor and the coordinator may lead to recommendation by them to the Faculty Research Committee that the candidate be excluded from the course.
- (iii) Before the Faculty Research Committee recommends exclusion, the student will apply to the Faculty Research Committee which will consider the application and make recommendation to the Faculty Academic Board.

### **Examination of the Thesis**

#### ***Appointment of Examiners***

The Examination Committee shall comprise two external examiners who will examine the thesis plus an additional external examiner to be called upon only if the first two examiners are in disagreement.

Any person who has acted as the candidate's Principal or Associate Supervisor or participated in the candidate's research group or in any capacity where a conflict of interest is seen to exist may not be nominated by the faculty as an examiner.

#### ***Thesis Submission***

- (i) Prior to thesis submission, the thesis proposal must first be checked by the centre director (or nominee) to ensure it meets the centre quality assurance checks before proceeding to the oral presentation stage. After making revisions suggested in the oral presentation, candidates will submit to the Student Affairs officer three copies of the thesis, bound in a temporary form as approved by the Research Degrees Committee.
- (ii) The thesis should be accompanied by a signed declaration which states that:
  - (a) the candidate has complied with the ethics of experimentation as set out in the publication QUT Guide to Thesis Presentation
  - (b) the thesis is the candidate's own work and that all other sources are correctly acknowledged
  - (c) the thesis has not been submitted to another institution.
- (iii) the thesis must contain a joint declaration signed by both the student and their supervisor stating that the thesis is ready for examination.

- (iv) the Student Affairs officer will forward copies of the thesis to the Faculty Research Committee for recommendation to Faculty Academic Board that the approved course of study has been completed and that the thesis should be accepted by the Faculty. Copies of the thesis will then be forwarded by the Student Affairs officer to the Research Degrees Committee together with certification as noted above. Receipt of the thesis by Research Degrees committee shall constitute the submission of the candidate's thesis for examination.

#### **Thesis Presentation and Examination**

An oral and a written presentation to a Faculty of Education Panel is designed to assist the candidate in a final revision of the thesis and to allow the panel to recommend if the thesis is ready for examination, and the formal examination by a University Examination Committee.

#### **Oral Presentation**

- (i) An oral presentation of the thesis shall be made to a Faculty of Education Panel. The presentation will be based on:
- the work described in the thesis, and
  - the field of study in which the investigation lies.
- The Panel consists of:
- (a) Principal Supervisor (Chair)
  - (b) Director of the relevant Centre of nominee
  - (c) Member of the FRC Doctoral Sub-Committee
- The quorum of the Faculty Panel is three.
- (ii) The candidate's principal supervisor, through the Centre Director, shall notify the Student Affairs officer on the relevant proforma at least four weeks in advance of the presentation. Faculty panel members must each receive a copy of the thesis in temporary binding four weeks in advance of the date set for the oral presentation. A copy of the thesis, bound in temporary cover, must also be provided to each attending member of the University Examination Panel.
- (iii) The Faculty shall advertise and arrange for the presentation which will be open to the public. Members of the University Examination Committee will also be invited to attend but will be required to leave the meeting before the Faculty Oral Panel discussion period.
- (iv) The candidate will be required to leave the room while his/her thesis is under discussion by the Faculty Oral Panel and return immediately following the discussion to review any issues raised.
- (v) The panel may recommend:
- Thesis be forwarded for endorsement through the Centre Director and Master of Education course coordinator to the Faculty Research Committee, subject to minor changes (if required);
  - Thesis be forwarded through the Centre Director and Master of Education course coordinator to the Faculty Research Committee, subject to substantial changes made in consultation with the Principal Supervisor;
  - Resubmit for Oral Presentation within three months of the first presentation.
- The Review Panel recommendation must be submitted within one month from the date of Oral Presentation. Where the decision of the Panel is not unanimous, those members of the panel who disagree with the Chair's recommendation will submit a second report indicating the source of disagreement. The Chair of the Faculty Research Committee (or nominee) will adjudicate on such recommendations and forward his/her recommendation to the Faculty Academic Board.
- (vi) Where the Faculty Research Committee is satisfied that a candidate would be seriously disadvantaged if required to undergo an oral presentation, an alternative form of presentation may be approved. Such approval should not be

given solely on the grounds that the applicant's oral competence in the English language is inadequate.

#### **Formal Examination**

- (i) Examiners will be required to submit a written assessment of the thesis within eight weeks of its receipt. These assessments will be presented on official forms forwarded with the thesis. These forms are available from the Research Students Centre and will deal with the general standard and quality of the work and not with specific detail. Candidates may be required to participate in an oral defence of their thesis but only at the request of the examiners. Each examiner should make one of the following recommendations:
- (a) Pass - implying that the thesis be accepted without modification and the degree be awarded; or  
Pass - implying that the thesis will be fully satisfactory except for minor editorial changes; or  
Pass - implying that the thesis be accepted subject to major revisions, eg rewriting one of the sections, with or without additional work (changes must be made to the satisfaction of the Principal Supervisor or, if further work is required to develop additional evidence for the rewrite, the certification of the head of School is required);
  - (b) Resubmit - implying that the thesis will be fully acceptable when certain necessary corrections or modifications are made by the candidate and resubmitted to the examiners;
  - (c) Fail - implying that the thesis is not of an acceptable standard.
- (ii) In all cases, an examiner should provide, along with the official assessment form, a separate document indicating where corrections or modifications are required and, as appropriate, providing any constructive criticism and comment helpful to the candidate. An examiner will refer to any notably original contributions which the candidate has made and may comment on the scope for further research or postgraduate study.
- (iii) The Research Students Centre will forward the set of examiners' assessment forms and the thesis to the Student Affairs officer who will forward the same on to the course coordinator and the relevant centre director.

#### **Examination Outcomes**

##### **Pass by all Examiners**

The Course Coordinator will forward the set of examiners assessment forms to the Chairperson, Faculty Research Committee, attaching formal recommendation. The Chairperson, Faculty Research Committee makes formal recommendation to the Faculty Academic Board. The Faculty Academic Board will indicate acceptance or otherwise of the recommendation. If a recommendation of type (a) is accepted, the Faculty Academic Board will ask the Course Coordinator to make the examiners' requirements available to the candidate while maintaining the anonymity of the examiners. The Faculty Academic Board will sign an official record indicating satisfaction of all thesis requirements when advised by the course coordinator that all required changes have been completed satisfactorily.

##### **Resubmit by all Examiners**

The Course Coordinator will forward the set of examiners assessment forms to the Chairperson, Faculty Research Committee, attaching formal recommendation. The Chairperson, Faculty Research Committee makes formal recommendation to the Faculty Academic Board. The Faculty Academic Board will indicate acceptance or otherwise of the recommendation. If a recommendation of type (b) is accepted, the Faculty Academic Board will ask the Course coordinator to ensure that the candidate is requested to resubmit the thesis with any necessary corrections



or modifications. The revised thesis is forwarded to the examiners for assessment.

#### ***Differing recommendation from Examiners***

If the examiners cannot reach agreement, the Faculty Academic Board will request the Course Coordinator to appoint a chair of the examination panel (internal examiner, associate supervisor or other person approved by Faculty Academic Board). In conjunction with the examiners, the chair will review the recommendations of the individual examiners and recommend a course of action to the Course Coordinator. If the chair indicated that the examiners after review cannot agree on a recommendation, the Course Coordinator will refer the matter to the Examination Committee of the Faculty Research Committee, which has been established to make recommendations on areas of disputation among examiners. The Faculty Research Committee will then make a recommendation to the Faculty Academic Board. The Board will then

- (i) recommend the degree not be awarded: or
- (ii) accept a majority recommendation with or without the advice of a further external examiner.

#### ***Fail by all Examiners***

The Course Coordinator will forward the set of examiners' assessment forms to the Chairperson, Faculty Research Committee, attaching formal recommendation. The Chairperson, Faculty Research Committee, makes formal recommendation to the Faculty Academic Board. The Faculty Academic Board will indicate acceptance or otherwise of the recommendation. If a recommendation of type (c) is accepted, the normal implication is that the candidate will be excluded from the course. In exceptional circumstances, the Faculty Research committee may grant the candidate an opportunity to submit a substantially new thesis after a period of not less than six months.

#### ***Re-examination of the Thesis***

- (a) A candidate who fails to satisfy the Faculty Academic Board (upon recommendation of the Faculty Research Committee) at the first attempt may, on the recommendations of the examiners and with the approval of the Faculty Academic Board, be re-examined not more than once. Application must be made to the Faculty Academic Board for approval of the re-examination arrangements.
- (b) Re-examination shall take place within 12 months from the date on which the candidate is advised in writing of such re-examination. The Faculty Academic Board may, on application by the candidate and supported by the principal supervisor, approve an extension of this period.
- (c) The examiners must give the candidate guidance on the deficiencies identified by the first examination.
- (d) If a candidate is required to revise and resubmit a thesis, the examiners' reports will be made available to the candidate, the anonymity of the examiners being maintained.
- (e) The Faculty Academic Board on recommendation from the Faculty Research Committee may require that an additional external examiner be appointed for the re-examination.
- (f) Regulations applicable to examinations generally apply to the re-examination.

#### **Standard Full-time Course structure**

##### ***First Semester of Study***

EDN611 Understanding Educational Research  
IFN300 Masters Research

NOTE: Students must undertake EDN611 before EDN612 or undertake them concurrently.

##### ***Second Semester of Study***

EDN612 Conducting Educational Research  
IFN300 Masters Research

In instances where a candidate has exceeded the normal course duration and an extension of time has been approved students may enrol in:

IFN101 Full-time Masters Research (extension)

#### **Standard Part-time Course Structure**

##### ***First Semester of Study***

EDN611 Understanding Educational Research  
IFN302 Masters Research

NOTE: Students must either undertake EDN611 before EDN612 or undertake them concurrently.

##### ***Second Semester of Study***

EDN612 Conducting Educational Research  
IFN302 Masters Research

##### ***Third Semester of Study***

IFN200 Masters Research

##### ***Fourth Semester of Study***

IFN200 Masters Research

In instances where a candidate has exceeded the normal course duration and an extension of time has been approved students may enrol in:

IFN201 Part-time Masters Research (extension)

### **■ Master of Education (ED13)**

**Award title:** Master of Education (Study Area A)

**CRICOS code:** 002330K

**Location:** Kelvin Grove and External

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Course duration (external):** 1 year full-time or 2 years part-time

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Donna Berthelsen

#### **Entry Requirements**

An appropriate four-year bachelor degree or equivalent at a standard acceptable to the Dean of Faculty; OR

an appropriate three year bachelor degree or equivalent at a standard acceptable to the Dean plus at least one year's appropriate professional or industrial experience.

All applicants must have a good command of the English language.

#### **Course Overview**

The course consists of a total of 96 credit points from studies in coursework, or a combination of coursework and research units from across the following areas of interest:

- Adult and Workplace Education
- Behaviour Management
- Career Guidance
- Early Childhood Education
- Higher Education
- Language and Literacy Education
- Leadership and Management
- Leading Learning and Teaching in the Middle Years
- Learning Support and Inclusive Education
- Mathematics Education
- Physical and Health Education
- School Guidance and Counselling
- Science Education
- Technology Education.

#### **Course Structure**

Students are required to obtain a total of 96 credit points from studies in coursework units or from a combination of coursework and research studies.

Course core unit: EDN611 Understanding Educational Research must be undertaken in the first semester of enrolment in the course; and either

##### ***Option 1***

For those students who want their parchment annotated with their chosen area of interest.

- 48 credit points from chosen area of interest, including the foundation unit for that area of interest, plus three units from anywhere within the course; or

### Option 2

For those students who choose not to have their parchment annotated with their chosen area of interest

- Seven units from anywhere within the course.

Students undertaking the Dissertation/Project are required to undertake EDN612 Conducting Education Research as a prerequisite.

Students undertaking Research units (EDN603, EDN608 or EDN620) may elect to allocate them to their chosen area of interest provided the research relates to that area of interest.

### Study Options

Students who have already completed one Master of Education course within the Faculty of Education at QUT and who wish to enrol in and take out another Master of Education in a different area of interest should consult the course coordinator.

### Supervision: Independent Study

Certain coursework units in particular areas of interest involve individual candidates working with supervising lecturers on a one-to-one basis. In the independent study unit, candidates have the opportunity to explore and negotiate with their lecturers to engage in integrated professional experiences that are closely linked to the candidate's current professional needs. This interaction consists of a dialogue between the candidate and lecturer to design an appropriate course of study for the unit. Subsequently, a plan of study needs to be submitted using the appropriate form, available in the 'Master of Education (coursework) Information for Supervisors and Students' booklet.

### Supervision: Dissertation/Project

For each candidate undertaking a dissertation/project a supervisor must be appointed. An appropriate supervisor or supervisory team should be identified by the end of the third week of the first semester of the program when the dissertation/project topic is chosen.

Candidates should meet regularly with their supervisor to discuss progress, submit drafts or progress reports or present seminars where appropriate at least each semester and seek guidance as necessary.

Supervisors should be readily available to consult with candidates, should provide scholarly support and constructive criticism and should assist as appropriate with access to facilities, and any relevant external agencies.

In special circumstances and with the specific approval of the Faculty Academic Board, an external supervisor may be appointed.

### Progression and Unsatisfactory Progress

#### Progression

For students enrolled in the dissertation/project, progress reports must be completed and submitted by their supervisor in the final week of each semester of their enrolment.

#### Unsatisfactory Progress

- With respect to coursework studies, candidates who have failed two or more units will be placed on probationary enrolment
- With respect to the dissertation/project, progress which is considered clearly unsatisfactory by both the supervisor and the area of interest coordinator may lead to a recommendation by them to Faculty Research Committee that the candidate be excluded from the course.
- Before the Faculty Research Committee recommends exclusion, the student may appeal to the Show Cause Subcommittee of the FRC which will consider the application and make recommendation to the FRC. After consideration, the FRC will make recommendation to the Faculty Academic Board regarding whether the candidate should be excluded or not.

### Examination of the Dissertation/Project

#### Dissertation Submission

- After examiners have been nominated and approved, the candidate will submit to the student affairs officer three copies of the dissertation bound in a temporary form for distribution to the approved examiners. Receipt of the dissertation by the student affairs officer, on behalf of Faculty Academic Board, shall constitute submission of the candidate's dissertation for examination.
- The dissertation should be accompanied by a signed declaration which states that:
  - the candidate has complied with the ethics of experimentation;
  - the dissertation is the candidate's own work and that all other sources are correctly acknowledged;
  - the dissertation has not been submitted to another institution
- The dissertation must contain a joint declaration signed by both the student and the supervisor stating that the dissertation is ready for examination.

#### Appointment of Examiners

At least one month prior to submission of the dissertation, the supervisor, in conjunction with the Head of School, should nominate in writing to the course coordinator at least two examiners who are prepared to examine the dissertation at the time required. It is the responsibility of the supervisor to ascertain the availability and willingness of these examiners to comply with the University requirements.

The two examiners must be full-time staff members of the University and may be internal to QUT. The supervisor of the dissertation may not be an examiner.

The Examination Committee consisting of at least two examiners will be appointed by the Faculty Academic Board upon recommendation from the Faculty Research Committee upon recommendation from the relevant course coordinator who will have consulted the principal supervisor.

#### Examination Process

- Examiners must receive copies of the dissertation in reasonable time to permit its thorough consideration and appraisal before the date by which assessments are required. Each examiner is required to submit a written assessment of the dissertation within eight weeks of its receipt.
- These written assessments will be presented on official forms forwarded with the dissertation. These forms are available from the Faculty of Education Office and will deal with the general standard and quality of the work and not with specific detail. Examiners are expected to return their assessment within 8 weeks to the Faculty of Education Office. Each assessment is individual and confidential and should not be made available to other examiners. Each examiner should make one of the following recommendations:
  - Pass:
    - Implying that the dissertation be accepted without modification and the degree be awarded.
    - Implying that the dissertation will be fully satisfactory except for minor changes as indicated by the examiner.
    - Implying that the dissertation be accepted subject to major revisions according to the examiners' recommendations. These changes must be made to the satisfaction of the principal supervisor or the Head of School.
 Note: a criteria sheet must also be completed and a grade of 1-7 indicated.
  - Resubmit: Implying that the dissertation will be fully acceptable when certain necessary corrections or modifications are made by the candidate and resubmitted to the examiners. In this case, the highest

grade which can be awarded once resubmitted is a grade of 4.

- (c) Fail: Implying that the dissertation is not of an acceptable standard.
- (iii) With regard to 24 credit point projects of non-English speaking background (NESB) students only, examiners may apply the Faculty NESB policy (refer to Faculty Manual of Policies and Procedures Document) when examining a project. If an examiner does apply the Faculty NESB policy, then reference to this must be made in the examiner's report.
- (iv) Minor changes would include, for editorial corrections, bibliographical details and incidental changes required to text.  
Major changes would include, for example, rewriting a section or the incorporation of further evidence and data.
- (v) In the case of all of the above, an examiner should provide, along with the official assessment form, a separate document indicating where corrections or modifications are required and, as appropriate, providing any constructive criticism and comment helpful to the candidate. An examiner will refer to any notably original contributions which the candidate has made and comment on the scope for further research or postgraduate study. A criteria sheet must also be completed.
- (vi) The Student Affairs Officer will forward the set of examiners' assessment forms and dissertation to the Course Coordinator for endorsement.

**Pass by all Examiners**

In the case of (a) above the Course Coordinator will determine the examination outcome and will advise the Student Affairs Officer. In cases where examiners' grades differ, a committee consisting of the Course Coordinator, and one other person nominated by the Course Coordination Committee will arbitrate and decide on the final grade. The Student Affairs Officer will make the examiners' requirements available to the candidate and supervisor while maintaining the anonymity of the examiners. When the student has made the required corrections, submitted three bound copies and the supervisor has certified that corrections have been satisfactorily made, the Faculty Academic Board will sign an official record indicating satisfaction of all dissertation requirements and a final result can be awarded.

**Resubmit by all Examiners**

The Course Coordinator will forward the set of examiners' assessment forms to the Chairperson, Faculty Research Committee, attaching formal recommendation. The Chairperson, Faculty Research Committee makes formal recommendation to the Faculty Academic Board. The Faculty Academic Board will indicate acceptance or otherwise of the recommendation. If a recommendation of type (b) is accepted, the Faculty Academic Board will ask the Course Coordinator to ensure that the candidate is requested to resubmit the dissertation with any necessary corrections or modifications. The revised dissertation is forwarded to the examiners for reassessment. In this case the maximum grade that can be awarded if passed on resubmission is a grade of 4.

**Differing recommendations from Examiners (eg Pass & Resubmit)**

The Course Coordinator will forward the set of examiners' assessment forms to the Chairperson, Faculty Research Committee, attaching formal recommendation based on the examiners' reports. The Chairperson, FRC will refer the matter to the Examination Sub-Committee of the Faculty Research Committee which has been established to make recommendations on areas of dispute between examiners. The Chairperson, Faculty Research Committee will then make formal recommendation to the Faculty Academic Board. The Faculty Academic Board may confer and seek further advice from the Faculty Research Committee before making a ruling. The Faculty Academic Board may then (i) not award the degree, or (ii) accept

a majority recommendation with or without the advice of an external examiner.

**Fail by all Examiners**

The Course Coordinator will forward the set of examiners' assessment forms to the Chairperson, Faculty Research Committee, attaching formal recommendation. The Chairperson, Faculty Research Committee makes formal recommendation to the Faculty Academic Board. The Faculty Academic Board will indicate acceptance or otherwise of the recommendation. If a recommendation of type (c) is accepted, the normal implication is that the candidate will be excluded from the course. In exceptional circumstances, the Faculty Research Committee may grant the candidate an opportunity to submit a substantially new dissertation after a period of not less than six months.

**Re-examination of the Dissertation**

- (a) A candidate who fails to satisfy the Faculty Academic Board (upon recommendation of the Faculty Research Committee) at the first attempt may, on the recommendations of the examiners and with the approval of the Faculty Academic Board, be re-examined not more than once. Application must be made to the Faculty Academic Board for approval of the re-examination arrangements.
- (b) Re-examination shall take place within 12 months from the date on which the candidate is advised in writing of such re-examination. The Faculty Academic Board may, on application by the candidate and supported by the supervisor, approve an extension of this period.
- (c) The examiners must give the candidate guidance on the deficiencies identified by the first examination.
- (d) If a candidate is required to revise and resubmit a dissertation, the examiners' reports will be made available to the candidate, the anonymity of the examiners being maintained.
- (e) The Faculty Academic Board on recommendation from the Faculty Research Committee may require that an external examiner be appointed for the re-examination.
- (f) Regulations applicable to examinations generally apply to the re-examination.

**Availability of Examiners Reports**

After the examination process is complete, the names of examiners may be released on request providing the examiner has indicated willingness to have his/her identity revealed to the candidate. Examiners will also be provided with a copy of the other examiner's report for their own information.

**Admission to the Degree of Master of Education**

Prior to admission to the award, a candidate must have at least three of the completed documents bound. Of these, one copy of the completed document must be submitted for inclusion in the University Library collection as follows:

- dissertation or project associated with a coursework specialisation where this constitutes at least 25% of the credit point total for the course.

The Supervisor has the authority to decide whether a project should be housed in the University library collection or the Centre that the student is attached to.

Of the other two copies of the completed document, one is held in the Faculty Office and the other is presented to the principal supervisor.

A candidate who:

- (a) fulfils the requirements of these rules; and
- (b) whose work is of a standard that satisfies the Faculty Academic Board (after considering the results in all subjects and/or the reports of all examiners); and
- (c) has otherwise complied with the provisions of all statutes and other applicable rules;

may be admitted to the degree of Master of Education.

**Course structure**

**Course Structure Option 1 - Area of Interest**

Course Core Unit which must be completed in first semester of enrolment:

- EDN611 Understanding Educational Research  
Select 48 credit points from one area of interest, including the Area of Interest Foundation unit, and 36 credit points from anywhere within the course.

**Course Structure Option 2 - no Area of Interest**

Course Core Unit:

- EDN611 Understanding Educational Research  
Select seven units (84 credit points) from anywhere within the course.

**Faculty Units - Individually Supervised Units**

**Research units**

- EDN611 Understanding Educational Research
- EDN612 Conducting Educational Research  
Note that students intending to enrol in EDN608 or EDN620 must first have completed both EDN611 and EDN612.
- EDN620 Dissertation  
Students enrol in 3 stages EDN620/1 Dissertation (Stage 1), EDN620/2 Dissertation (Stage 2) and EDN620/3 Dissertation (Stage 3)
- EDN608 Project  
Students enrol in 2 stages EDN608/1 Project (Stage 1) and EDN608/2 Project (Stage 2)
- EDN603 Independent Study
- EDN602 Advanced Seminars  
Students may elect to have EDN603, EDN608 or EDN620 allocated to the chosen area of interest provided the research relates to that area.

**Areas of Interest**

**Adult and Workplace Education**

Foundation unit:

- SPN621 Adult And Workplace Education: Principles And Practices

Other units:

- SPN622 Legal Risk Management And Workplace Education
- SPN623 Strategic Workplace Education
- SPN624 Foundations Of Adult Learning And Development
- CLN602 Diversity and Multiliteracies

**Behaviour Management**

Foundation unit:

- SPN617 Issues In Classroom Management

Other units:

- CLN632 Youth Focussed Behaviour Management And Schools
- SPN615 Educational Intervention For Challenging Behaviour In The Classroom
- SPN616 Behaviour Management: Programs And Planning

**Career Guidance**

Foundation unit:

- SPN618 Career Development Programs

Other units:

- SPN612 Psychoeducational Assessment
- SPN619 Career Theory
- SPN620 Career Counselling

**Early Childhood Education**

Foundation unit:

- EAN608 Constructions Of Childhood And Early Education

Other units:

- EAN601 Early Childhood Teachers Knowledge In Action
- EAN602 Leading Early Childhood Services And Policies For Future Generations
- EAN603 Development In Early Childhood Contexts
- EAN604 Young Children, Families And Community
- EAN609 Including Children Who Have Disabilities In Early Childhood Programs

**Higher Education**

Foundation unit:

- EDN626 Learning And Teaching In Higher Education

Other units:

- EDN627 Contexts And Issues In Higher Education
- EDN628 Postgraduate Research Supervision
- EDN629 Presentation And Delivery Modes In Higher Education
- EDN630 Higher Education: Curriculum Design, Assessment And Evaluation

This area is only suitable for people currently working in a higher education institution

**Language and Literacy Education**

Foundation unit:

- CLN609 Language, Literacies And Learning

Other units:

- CLN601 Cyberlearning: Information & Knowledge in the Digital Age
- CLN602 Diversity and Multiliteracies
- CLN625 New Literacies And Technologies
- CLN603 Designing Spaces for Learning

**Leadership and Management**

Foundation unit:

- SPN625 Changing Agendas In Leadership

Other units:

- SPN626 Leading And Managing People
- SPN627 Policy Development And Analysis
- SPN628 Leadership For Change
- SPN629 Current Issues In Leadership

**Leading Learning and Teaching in the Middle Years**

Foundation unit

- SPN633 Critical Frameworks For Analysing The Middle Years Of Schooling

MDN637 Flexible delivery: pedagogical issues and imperatives

- SPN630 Learning, Teaching And Supervision
- SPN631 Leading Change In Contemporary Professional Practice
- SPN634 Rethinking Programs And Pedagogies: The Middle Years Of Schooling
- SPN635 Assessment And Reporting In The Middle Years Of Schooling

**Learning Support and Inclusive Education**

Foundation unit:

- SPN613 Learners With Special Needs: Programming For Inclusive Education

Other units:

- CLN631 Policies And Practices For Inclusive Education
- EAN607 Consultation And Teamwork
- SPN614 Teaching Students With Learning Difficulties/disabilities
- SPN615 Educational Intervention For Challenging Behaviour In The Classroom

**Mathematics Education**

Foundation unit:

- MDN624 Contemporary Mathematics Curriculum: Context And Challenge

Other units:

- MDN625 Exploring Students' Mathematical Reasoning
- MDN626 Pedagogy In Mathematics Education
- MDN627 Student Assessment In Mathematics
- MDN636 Understanding Concepts In Mathematics And Science

**Physical and Health Education**

HMN201 Developing Teaching And Learning Initiatives For The Health And Physical Education Key Learning Area

- HMN202 Developing And Assessing Higher Order Thinking Skills In School Physical Education
- HMN203 Application Of The Sciences To Teaching And Learning In Physical Education And Sport
- PUN620 Concepts Of Environmental Health
- HMN205 Health Education Curriculum Across The School Years
- HMN206 Designing Physical Activity Experiences For Special Populations

**School Guidance and Counselling**

Foundation unit:

- SPN610 Advanced Educational Counselling

Other units:

- SPN611 Educational Counselling Professional Practice
- SPN612 Psychoeducational Assessment
- SPN618 Career Development Programs

Students who have not done any counselling studies in their undergraduate degree must complete the SPB006 Educational Counselling prior to enrolling in SPN610 Advanced Educational Counselling.

The School Guidance and Counselling area of interest within the Master of Education is accepted by both Education Queensland and the Brisbane Catholic Education Centre as a suitable formal employment qualification for School Counsellor and Guidance Officer positions. Graduates from this program are recognised by the Queensland Guidance and Counselling Association, and together with experience requirements it enables them to be eligible for full membership of this professional body.

**Science Education**

Foundation unit:

- MDN628 Contemporary Science Curriculum: Context And Challenge

Other units:

- MDN619 Technologically Supported Teaching And Learning Environments  
 MDN629 Development Of Students' Scientific Reasoning Skills  
 MDN630 Learning And Teaching In Contemporary Science Classrooms  
 MDN636 Understanding Concepts In Mathematics And Science

**Technology Education**

Foundation unit:

- MDN633 Curriculum Studies In Technology Education

Other units:

- MDN619 Technologically Supported Teaching And Learning Environments

- MDN623 Communications Technology In Education

- MDN637 Flexible delivery: pedagogical issues and imperatives

- MDN632 Databases In Educational Context

Students without a firm background in Technology Education should study MDN633 first. Students who are unsure of their level of expertise in Technology Education should contact the Area of Interest Coordinator, however the completion of the Graduate Diploma in Education (Computer Education) or recent experience should be sufficient. The units MDN623 and MDN619 require good Internet access. The unit MD633 is a prerequisite for MDN623.

**Master of Education (Teaching English to Speakers of Other Languages - TESOL) (ED14)**

**Award title:** Master of Education (TESOL)

**CRICOS code:** 002330K

**Location:** Kelvin Grove

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor Penny McKay

**Entry requirements**

- (1) an appropriate bachelor degree or equivalent at a standard acceptable to the Dean of the Faculty OR
- (2) other qualifications acceptable to the Dean, which may include substantial work experience in TESOL or involvement in other relevant professional research activities; and  
 at least one year's practical experience in some branch of education acceptable to the Dean.

Applicants who are non-native speakers of English must meet the university English language proficiency entry requirements.

**Course structure**

Students are required to complete 96 credit points of study and in doing so, undertake two compulsory units of 12 credit points each: Second Language Acquisition and Principles of Second Language Methodology. Students then have the choice of pursuing one of two options:

**Option 1**

Completion of six elective units of 12 credit points each from the list below:

- Research Methods in Second Language Education
- Functional Grammar and Discourse
- Language and Culture
- Directed Reading in Second Language Education
- Technology and Second Language Learning
- Language Assessment and Program Evaluation in TESOL
- Personalised Language Development
- Second Language Curriculum Design Options
- Discourse Analysis
- Sociolinguistics
- From Theory to Practice: Practical Applications in the TESOL Classroom
- Grammar for Teachers
- English Language Teaching Management

Option 2 requires the completion of elective units and a 24 or 36 credit point research project to total 96 credit points.

**Graduate Certificate in Education (TESOL) - Exit Point**

Following the successful completion of four Master of Education (TESOL) units (including two core units and two electives), students may elect either to discontinue enrolment and graduate with a Graduate Certificate in Education (TESOL), or to pursue a further four units in order to complete the Master of Education (TESOL).

**Provisional Enrolment**

Students who do not meet the entry requirements may be admitted on a provisional basis and be required to undertake preliminary coursework and reading as determined by the course coordinator. After satisfactory completion of the preliminary studies students may be admitted to full candidature.

**Guidelines for a Project**

See the Master of Education (ED13) for the guidelines on the project/dissertation.

**Progression and Unsatisfactory Progress**

Refer to the Master of Education (ED13) entry.

**Full-time Course structure**

**First semester of study**

- CLN608 Second Language Acquisition  
 CLN612 Principles Of Second Language Methodology  
 Elective unit  
 Elective unit

**Second semester of study**

- Elective unit  
 Elective unit  
 Elective unit  
 Elective unit

**Part-time Course structure**

**First semester of study**

- CLN608 Second Language Acquisition  
 CLN612 Principles Of Second Language Methodology

**Second semester of study**

- Elective unit  
 Elective unit

**Third semester of study**

- Elective unit  
 Elective unit

**Fourth semester of study**

- Elective unit  
 Elective unit

**Elective units**

Note, a selection of these units will be offered each semester. Some electives may be offered in Summer Program.

- CLN613 Second Language Curriculum Design Options  
 CLN614 Research Methods In Second Language Education  
 CLN615 Directed Reading In Second Language Education  
 CLN616 Language Assessment And Program Evaluation In Tesol  
 CLN617 Personalised Language Development  
 CLN618 Technology And Second Language Learning  
 CLN619 Functional Grammar And Discourse  
 CLN620 Language And Culture  
 CLN640 Sociolinguistics  
 CLN641 From Theory To Practice -Practical Applications In The Tesol Classroom  
 CLN642 Grammar For Teachers  
 CLN643 English Language Teaching Management

Students must consult with the Course Coordinator to discuss their research topic and to complete the appropriate forms before enrolling in the following:

- EDN603 Independent Study  
 EDN608 Project  
 Students must enrol in EDN608/1 and EDN608/2.  
 EDN620 Dissertation  
 Students must enrol in EDN620/1, EDN620/2 and EDN620/3.  
 NOTE: EDN611 (or CLN614) is a prerequisite for EDN608. EDN611 (or CLN614) and EDN612 are prerequisites for EDN620.

EDN611 Understanding Educational Research  
 EDN612 Conducting Educational Research

## ■ Graduate Diploma in Education (Computer Education) (ED21)

**Award title:** Graduate Diploma in Education (Computer Education)

**CRICOS code:** 011197B

**Location:** Kelvin Grove and External

**Course duration (external):** 2 years part-time/external

**Total credit points:** 96

**Course coordinator:** Mr Paul Shield

### Entry Requirements

An appropriate bachelor degree, Diploma of Teaching or equivalent; at least one years experience in an educational setting; AND suitable computing experience. This experience might include, at varying levels of proficiency, either individually or in combination: word processing, use of spreadsheets, database work, programming or graphics. The course contains practical components, therefore you are required to satisfy the coordinator that you have suitable and sufficient access to computer hardware and software. Internet access may be required for some units.

### Course Structure

To meet course requirements, students must complete four core units and four elective units. Students may elect to undertake one of the modes of offering listed below to accommodate their professional requirements.

It is suggested that applicants with little knowledge of computing do the elective unit MDP530 Computer Applications in Education in their first semester. Normally MDP530 may only be attempted in the first semester of the first year of study. Students in other than their first year of study will only be allowed to undertake MDP530 with the explicit approval of the course coordinator.

Note: Four units must be completed at a grade of 4 or above before MDP506 can be undertaken.

### Course structure

#### Secondary Computer Studies

Semester 1

MDP532 Computer Systems In An Educational Context

MDP537 Major Issues In Computer Education

Semester 2

MDP503 Information Systems In Education

MDP535 Educational Software Development

Semester 3

MDP533 Teaching Information Systems Modelling

MDP507 Teaching Secondary Computer Studies

Semester 4

MDP506 Computer Education Project

MDP534 Educational Applications Of Artificial Intelligence

#### Secondary General

Semester 1

MDP530 Computer Applications In Education

MDP537 Major Issues In Computer Education

Semester 2

MDP503 Information Systems In Education

MDP531 Investigations Into Computer-Aided Learning

Semester 3

MDP532 Computer Systems In An Educational Context

MDP536 Computer Graphics In Teaching

Semester 4

MDP506 Computer Education Project

MDP504 School Administration Using Information Technology

or

MDP538 Computers In The Secondary Curriculum

#### Primary

Semester 1

MDP530 Computer Applications In Education

MDP537 Major Issues In Computer Education

Semester 2

MDP503 Information Systems In Education

MDP508 Computer Use In The Primary Curriculum

Semester 3

MDP532 Computer Systems In An Educational Context

MDP536 Computer Graphics In Teaching

Semester 4

MDP506 Computer Education Project

MDP504 School Administration Using Information Technology

or

MDP531 Investigations Into Computer-Aided Learning

#### TAFE

Semester 1

MDP532 Computer Systems In An Educational Context

MDP530 Computer Applications In Education

Semester 2

MDP503 Information Systems In Education

MDP535 Educational Software Development

Semester 3

MDP537 Major Issues In Computer Education

and either

MDP536 Computer Graphics In Teaching

or

MDP533 Teaching Information Systems Modelling

Semester 4

MDP506 Computer Education Project

MDP531 Investigations Into Computer-Aided Learning

## ■ Graduate Diploma in Education (Early Childhood) (ED20)

**Award title:** Graduate Diploma in Education (Early Childhood)

**CRICOS code:** 011197B

**Location:** Kelvin Grove and External

**Course duration (external):** 2 years

**Total credit points:** 96

**Course coordinator:** Dr Ann Farrell

### Entry requirements

An appropriate degree, diploma or equivalent; and current teacher registration (where applicable\*); AND at least one years teaching experience.

\*Registration is not mandatory in some Australian States or overseas countries.

### Special Course Requirements

Students should note that there is a compulsory period of two weeks practice teaching with children in the early childhood age range, to be undertaken at the completion of the first four units of the course. Students employed as teachers need to complete these practice periods during school holidays in a specially organised setting. A further compulsory period of two weeks with children in the early childhood age range is held toward the end of the course to provide opportunities for extending practical knowledge of program design and evaluation. Some students may need to undertake this practicum during school holidays.

NOTE: Students are required to undergo a criminal history check (renewable every two years) before undertaking practicum units.

### Course structure

#### Year 1 Semester 1

EAP533 Change In Children: Birth To Eight Years

EAP534 Curriculum In Early Childhood 1

#### Year 1 Semester 2

EAP534 Curriculum In Early Childhood 1

EAP535 Curriculum In Early Childhood 2

EDP508 Practicum In Early Childhood 1

#### Year 2 Semester 1

EAP536 Curriculum In Early Childhood 3

One elective unit

#### Semester 1 Elective Units\*

EAP537 Contexts Of Early Childhood Education

EAB413 Management Of Early Childhood Services

#### Year 2 Semester 2

EDP509 Practicum In Early Childhood 2

Two elective units

#### Semester 2 Elective Units\*

EAB444 Inclusive Practices In Early Childhood

EAB410 Early Education: Deciding The Curriculum  
 EAP539 Transactions In Early Childhood Education  
 EAB440 Working With Parents And Community

Note: Practicum units may be undertaken in either Semester 2 or the Summer Program

\*Students will complete a total of three elective units  
 Students entering the course mid-year will undertake a modified structure

### ■ Graduate Diploma in Education (Learning Support) (ED28)

**Award title:** Graduate Diploma in Education (Learning Support)

**Location:** Kelvin Grove and External

**Course duration (external):** 1 year full-time or 2 years part-time

**Total credit points:** 96

**Course coordinator:** Dr Ruth Fielding-Barnsley

#### Entry requirements

An appropriate degree, diploma of teaching or equivalent. You also need to provide contact details of two professional referees.

#### Course structure

##### Semester 1

SPP500 Learners With Special Needs  
 SPP504 Curriculum: Learners With Special Needs  
 SPP502 Programming For Students With Learning Difficulties/disabilities  
 AND EITHER

SPB009 Research Methods In Education  
 OR

SPN612 Psychoeducational Assessment  
 NOTE: SPN612 Psychoeducational Assessment is a Masters level unit offered in the School Guidance and Counselling and Career Guidance areas of interest in the Master of Education course. Students wishing to study at the Bachelors level should complete the unit SPB009 Research Methods in Education.

##### Semester 2

CLP501 Socio-Cultural Issues In Education  
 LEP526 Literacy And Learning  
 LEP524 Consultation And Communication  
 MDP529 Diagnostic Assessment And Remedial Intervention In Mathematics

### ■ Graduate Diploma in Education (Teacher Librarianship) (ED25)

**Award title:** Graduate Diploma in Education (Teacher Librarianship)

**CRICOS code:** 011197B

**Location:** Kelvin Grove and External

**Course duration (external):** 1 year full-time or 2 years part-time

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Kerry Mallan

#### Entry requirements

An appropriate degree, diploma of teaching or equivalent. A minimum of one year of teaching experience is desirable. Students will need access to electronic resources and computers including Internet access.

#### Professional Recognition

The course is recognised by the Australian Library and Information Association as a specialist professional qualification.

#### Course Structure

To be eligible to graduate you must complete 60 credit points of core units and 36 credit points of electives. The table below shows the core and elective units. Students may select up to 24 credit points of the elective units from other University courses as approved by the Course Coordinator.

#### Course structure

##### Core Units

CLP527 Learning In The Information Age  
 CLP528 Literary and Popular Resources for Learning (name change subject to final approval)  
 CLP529 Communication Within An Information Environment  
 CLP530 Accessing Information Sources  
 CLP531 Field Program

##### Electives

CLP509 Directed Study  
 CLP532 Bibliographic Organisation  
 CLP534 Contemporary Publishing: Trends And Practices  
 Some units may be offered in Summer Program.

### ■ Graduate Certificate in Education (ED61)

**Award title:** Graduate Certificate in Education (Study Area A)

**CRICOS code:** 014019G

**Location:** Kelvin Grove and External

**Course duration (full-time):** 1 semester (subject to unit availability)

**Course duration (part-time):** 2 semesters

**Course duration (external):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Ian Ginns

#### Entry requirements

As for the postgraduate course from which the four units that make up the Graduate Certificate are taken.

#### Course Structure

The Graduate Certificate in Education course consists of 48 credit points of units from a postgraduate course within the Faculty of Education deemed by the Dean of the Faculty to form a coherent program of study. Units within the Graduate Certificate in Education course can be presented in standard, modularised and block form. Not all forms of delivery will be appropriate for all units. Standard form is normal part-time mode; the modularised form allows you to complete the assessment on a credit point basis; the block form allows you to attend one or two blocks of intensive study. Some areas of interest can be completed in external mode. The areas of interest are: Adult and Workplace Education, Behaviour Management, Career Guidance, Educational Counselling, Higher Education, Information Technology Education, Leadership and Management, Learning Leadership, Literacy and Numeracy, Marine Studies (Advanced), Mathematics Education (Advanced), Science Education, School Based Management - Master of Education entry requirements; Adult and Organisational Learning, Marine Studies, Mathematics Education, Teaching English as a Foreign Language - Young Children (International students only) - Bachelor of Education (Inservice) entry requirements; Computers in the Classroom - [Graduate Diploma in Education (Computer Education) entry requirements]; Information Literacy - [Graduate Diploma in Education (Teacher-Librarianship) entry requirements]; Learning Support - [Graduate Diploma in Education (Learning Support) entry requirements].

#### Course structure

##### Adult and Organisational Learning

Entry requirements: As for the Bachelor of Education (Inservice) (ED26)

SPB026 Adult Education In The Workplace And Community  
 SPB027 Orientation To Adult And Workplace Programs  
 SPB028 The Group In Adult And Workplace Education  
 SPB029 Instructional Strategies For Adult And Workplace Educators

##### Adult and Workplace Education

Entry requirements: As for the Master of Education (ED13)

EDN603 Independent Study  
 SPB026 Adult Education In The Workplace And Community  
 SPN623 Strategic Workplace Education  
 SPN624 Foundations Of Adult Learning And Development

##### Autistic Spectrum Disorder

Entry requirements: As for the Master of Education (ED13)

Module 1: Introduction to Autistic Spectrum Disorder  
 Module 2: Behaviour Management for Autistic Spectrum Disorder  
 EDN603 Independent Study  
 SPN615 Educational Intervention For Challenging Behaviour In The Classroom

**Behaviour Management**

Entry requirements: As for the Master of Education (ED13)  
 CLN632 Youth Focussed Behaviour Management And Schools  
 SPN615 Educational Intervention For Challenging Behaviour In The Classroom  
 SPN616 Behaviour Management: Programs And Planning  
 SPN617 Issues In Classroom Management

**Career Guidance**

Entry requirements: As for the Master of Education (ED13)  
 SPB006 Educational Counselling  
 SPN610 Advanced Educational Counselling  
 SPN618 Career Development Programs  
 SPN619 Career Theory  
 SPN620 Career Counselling  
 Students will complete either SPB006 or SPN610 depending on previous studies.

**Computers in the Classroom**

Entry requirements: As for the GradDipEd(Computer Education) (ED21)  
 MDP506 Computer Education Project  
 MDP508 Computer Use In The Primary Curriculum  
 MDP530 Computer Applications In Education  
 MDP531 Investigations Into Computer-Aided Learning  
 MDP536 Computer Graphics In Teaching  
 MDP537 Major Issues In Computer Education  
 MDP538 Computers In The Secondary Curriculum  
 MDP530 and MDP537 are core units.

**Educational Counselling**

Entry requirements: As for the Master of Education (ED13)  
 SPB006 Educational Counselling  
 SPN610 Advanced Educational Counselling  
 SPN611 Educational Counselling Professional Practice  
 SPN618 Career Development Programs

**Higher Education**

Entry requirements: As for the Master of Education (ED13)  
 EDN626 Learning And Teaching In Higher Education  
 EDN627 Contexts And Issues In Higher Education  
 EDN628 Postgraduate Research Supervision  
 EDN629 Presentation And Delivery Modes In Higher Education  
 EDN630 Higher Education: Curriculum Design, Assessment And Evaluation

**Information Literacy**

Entry requirements: As for the GradDipEd (Teacher-Librarianship) (ED25)  
 CLP527 Learning In The Information Age  
 CLP528 Literary and Popular Resources For Learning  
 CLP529 Communication Within An Information Environment  
 CLP530 Accessing Information Sources

**Information Technology Education**

Entry requirements: As for the Master of Education (ED13)  
 MDN619 Technologically Supported Teaching And Learning Environments  
 MDN623 Communications Technology In Education  
 MDN632 Databases In Educational Context  
 MDN633 Curriculum Studies In Technology Education  
 SPN632 Flexible Delivery: Pedagogical Issues And Imperatives

**Leadership and Management**

Entry requirements: As for the Master of Education (ED13)  
 SPN625 Changing Agendas In Leadership  
 SPN626 Leading And Managing People  
 SPN627 Policy Development And Analysis  
 SPN629 Current Issues In Leadership  
 EDN603 Independent Study  
 EDN608 Project  
 Students will undertake the core unit SPN625 and a further 36 cps from the remaining units on offer.

**Learning Leadership**

Entry requirements: As for the Master of Education (ED13)  
 Students should consult the Course Coordinator for details of units available.

**Learning Support**

Entry requirements: As for the GradDipEd(Learning Support) (ED28)

SPP500 Learners With Special Needs  
 SPP501 Consultation And Communication  
 SPP502 Programming For Students With Learning Difficulties/disabilities

CLP501 Socio-Cultural Issues In Education

**Marine Studies**

Entry requirements: As for the Bachelor of Education (Inservice)(ED26)  
 MDB395 Marine Studies Curriculum  
 MDB429 Initiatives In Science Education  
 EDB440 Independent Study  
 An additional 12 credit points are awarded for specified assessment and vocational qualifications.

**Marine Studies (Advanced)**

Entry requirements: As for the Master of Education (ED13)  
 MDB395 Marine Studies Curriculum  
 MDN630 Learning And Teaching In Contemporary Science Classrooms  
 EDN603 Independent Study  
 An additional 12 credit points are awarded for specified assessment and vocational qualifications.

**Mathematics Education**

Entry requirements: As for the Bachelor of Education (ED26)  
 MDB333 Mathematics Curriculum Studies 1  
 MDB411 Early Childhood Mathematics Teaching, Learning And Assessment  
 MDP529 Diagnostic Assessment And Remedial Intervention In Mathematics  
 EDB440 Independent Study  
 EDB442 Integrated Professional Seminars

**Mathematics Education (Advanced)**

Entry requirements: As for the Master of Education (ED13)  
 MDN624 Contemporary Mathematics Curriculum: Context And Challenge  
 MDN625 Exploring Students' Mathematical Reasoning  
 MDN626 Pedagogy In Mathematics Education  
 MDN627 Student Assessment In Mathematics  
 MDN636 Understanding Concepts In Mathematics And Science  
 EDN603 Independent Study

**Science Education**

Entry requirements: As for the Master of Education (ED13)  
 MDN628 Contemporary Science Curriculum: Context And Challenge  
 MDN629 Development Of Students' Scientific Reasoning Skills  
 MDN630 Learning And Teaching In Contemporary Science Classrooms  
 MDN636 Understanding Concepts In Mathematics And Science  
 EDN603 Independent Study

**■ Graduate Certificate in Education (Teaching English to Speakers of Other Languages - TESOL) (ED77)**

**Award title:** Graduate Certificate in Education (TESOL)

**CRICOS code:** 014019G

**Location:** Kelvin Grove

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor Penny McKay

**Entry Requirements**

- (1) an appropriate bachelor degree or equivalent at a standard acceptable to the Dean of the Faculty; OR
- (2) other qualifications acceptable to the Dean, which may include substantial work experience in TESOL or involvement in other relevant professional research activities; AND at least one year's practical experience in some branch of education acceptable to the Dean.

Applicants who are non-native speakers of English must meet the university English language proficiency entry requirements.

**Course structure**

The Graduate Certificate in Education (TESOL) consists of four units taken from the Master of Education (TESOL) course.



Students are required to complete the two core units: Second Language Acquisition and Principles of Second Language Methodology and two electives from the following:

- Research Methods in Second Language Education
- Language and Culture
- Directed Reading in Second Language Education
- Technology and Second Language Learning
- Language Assessment and Program Evaluation in TESOL
- Personalised Language Development
- Second Language Curriculum Design Options
- Functional Grammar and Discourse
- Sociolinguistics
- From Theory to Practice-Practical Applications in the TESOL Classroom
- Grammar for Teachers
- English Language Teaching Management.

#### Full-time Course Structure

##### First semester of study

- CLN608 Second Language Acquisition  
 CLN612 Principles Of Second Language Methodology  
 Elective unit  
 Elective unit

#### Part-time Course Structure

##### First semester of study

- CLN608 Second Language Acquisition  
 CLN612 Principles Of Second Language Methodology

##### Second semester of study

- Elective unit  
 Elective unit

#### Elective Units

Note, a selection of these units will be offered each semester. Some electives may be offered in Summer Program.

- CLN613 Second Language Curriculum Design Options  
 CLN614 Research Methods In Second Language Education  
 CLN615 Directed Reading In Second Language Education  
 CLN616 Language Assessment And Program Evaluation In Tesol  
 CLN617 Personalised Language Development  
 CLN618 Technology And Second Language Learning  
 CLN619 Functional Grammar And Discourse  
 CLN620 Language And Culture  
 CLN640 Sociolinguistics  
 CLN641 From Theory To Practice -Practical Applications In The Tesol Classroom  
 CLN642 Grammar For Teachers  
 CLN643 English Language Teaching Management

Students must consult with the course coordinator to discuss their research topic and to complete the appropriate forms before enrolling in the following:

- EDN603 Independent Study

### ■ Bachelor of Early Childhood (ED44)

**Award title:** Bachelor of Early Childhood

**CRICOS code:** 040329K

**Location:** External

**Course duration (external):** 2 years (Part-time)

**Total credit points:** 288 (192 awarded upon entry to the course)

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Jo Brownlee

#### Entry Requirements

Applicants must have:

- Diploma of Children's Services (Centre Based Care) or an equivalent accredited qualification; and at least two (2) years full-time (or equivalent) employment in the field of Child Care or Children's Services at Group Leader level or above (or equivalent); or
- Advanced Diploma of Community Services (Children's Services) or an equivalent accredited qualification; and Current employment as a Group Leader, Advanced Child Care Worker or at a higher level (or equivalent) in early childhood care and education services. Further, at least one (1) year full-time (or

equivalent) Group Leader etc employment must be completed before course completion.

Note: Special consideration may be given to those applicants in rural or isolated locations, and/or who have departmental/work requirements.

#### Professional Recognition

The Bachelor of Early Childhood is accredited by the Department of Families, Youth and Community Care for employment in the area of child care. Graduates are not eligible for teacher registration in Queensland.

#### Course structure - First Semester Entry

##### First Semester of study (March to June)

- EAP533 Change In Children: Birth To Eight Years  
 EAB348 Early Childhood Curriculum: Arts

##### Second Semester of study (July to October)

- EAB351 Family Studies And Early Childhood Education  
 OR  
 EAB364 Academic And Professional Communication  
 AND  
 EAB413 Management Of Early Childhood Services

##### Third Semester of study (March to June)

- EAB347 Early Childhood Curriculum: Early Mathematical Explorations  
 EAB346 Early Childhood Curriculum: Science, Society And The Environment

##### Fourth Semester of study (July to October)

- EAB345 Early Childhood Curriculum: Language Education  
 EAB444 Inclusive Practices In Early Childhood

#### Course structure - Mid-year Entry

##### First semester of study (July to October)

- EAP533 Change In Children: Birth To Eight Years  
 EAB413 Management Of Early Childhood Services

##### Second semester of study (March to June)

- EAB351 Family Studies And Early Childhood Education  
 OR  
 EAB364 Academic And Professional Communication  
 AND

##### Third semester of study (July to October)

- EAB345 Early Childhood Curriculum: Language Education  
 EAB444 Inclusive Practices In Early Childhood

##### Fourth semester of study (March to June)

- EAB347 Early Childhood Curriculum: Early Mathematical Explorations  
 EAB346 Early Childhood Curriculum: Science, Society And The Environment

### ■ Bachelor of Early Childhood [Offshore] (ED46)

**Award title:** Bachelor of Early Childhood

**Course duration (part-time):** 2 Years

**Total credit points:** 288

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Jo Brownlee

#### Course structure

##### Year 1, Summer Program

- EAZ412 Advanced Integrated Early Childhood Curriculum  
 EAZ413 Management of Early Childhood Services  
 OR (for students with advanced standing in EAB413)  
 EAZ364 Academic and Professional Communication

##### Year 1, Semester 1

- EAZ445 Applied Studies of Children in EC Contexts  
 EAZ020 Action Research in Early Childhood Education

##### Year 1, Semester 2

- EAZ534 Curriculum in Early Childhood 1  
 EAZ535 Curriculum in Early Childhood 2

##### Year 2, Summer Program

- EAZ351 Family Studies & Early Childhood Education  
 EAZ537 Contexts of early childhood education

## ■ Bachelor of Early Childhood Studies (ED43)

**Award title:** Bachelor of Early Childhood Studies

**CRICOS code:** 020305F

**Location:** Kelvin Grove

**Course duration (full-time):** 3 years

**Total credit points:** 288

**Course coordinator:** Ms Di Nailon

### Professional Recognition

The Bachelor of Early Childhood Studies is accredited by the Department of Families, Youth and Community Care for employment in the area of child care. Graduates are not eligible for teacher registration in Queensland.

### Course structure

#### Year 1, Semester 1

EAB351 Family Studies And Early Childhood Education  
Discipline Foundation Elective (List 1)  
Discipline Minor Elective (List 2)  
Education Studies Elective (List 4)

#### Year 1, Semester 2

Early Childhood Curriculum Elective (List 3)  
Early Childhood Curriculum Elective (List 3)  
Discipline Foundation Elective Unit (List 1)  
Discipline Foundation Elective Unit (List 1)

#### Year 2, Semester 1

EAB442 Motor And Social Development In Early Childhood  
EAB347 Early Childhood Curriculum: Early Mathematical Explorations  
EDB422 Early Childhood Professional Practice: Preschool/kindergarten  
MDB386 Mathematics Foundations

#### Year 2, Semester 2

SPB004 Teaching Exceptional Students  
OR  
CLB352 Teaching Methodology For English As A Foreign Language 2 AND  
EAB346 Early Childhood Curriculum: Science, Society And The Environment  
EAB443 Cognition And Language In Early Childhood  
EAB364 Academic And Professional Communication

#### Year 3, Semester 1

EAB348 Early Childhood Curriculum: Arts  
EAB350 Advanced Early Childhood Curriculum: Literacy And Numeracy In The Early Years  
EAB412 Advanced Integrated Early Childhood Curriculum  
Discipline Minor Elective (List 2)

#### Year 3, Semester 2

EAB413 Management Of Early Childhood Services  
EAB349 Advanced Early Childhood Curriculum: Arts  
EDB420 Early Childhood Professional Practice: Child Care  
Discipline Minor Elective (List 2)

### List 1 : Discipline Foundation Elective Units

#### Studies in Society and Environment

CLB369 Social And Environmental Foundations

#### Health and Physical Education

HMB171 Fitness Health And Wellness

#### Visual and Performing Arts

KKB918 Arts Foundation Studies

#### Science

MDB387 Science Foundations

#### Technology

MDB385 Information Technologies In Education

### List 2: Discipline Minor Electives

Students should take all three units from the one area.

#### Language

CLB441 Children's Literature  
CLB452 Media Literacy And The School  
CLB451 Storytelling: Cultural Perspectives  
CLB321 Writing Workshop  
CLB446 Understanding Texts and Writing

#### Mathematics

MDB347 Excursions In Number  
MDB396 Excursions In Geometry

MDB388 Gaming And Chance  
MDB349 Mathematical Reasoning

#### Studies of Society and Environment

CLB371 Knowing Your Environment  
CLB372 The Consumer, Society And The Environment  
CLB375 Environmental Field Studies

#### Health and Physical Education

HMB376 Motor Development In Children  
HMB333 Child And Adolescent Health  
HMB375 Adapted Physical Activity  
HMB315 Performance Skills 2

#### Visual and Performing Arts

Three level one units from the selected Arts discipline area. Areas available are:

Music, Visual Arts, Drama and Dance.

The following units have no audition or portfolio entry requirements.

#### Dance

KDB125 Deconstructing Dance In History  
KDB106 The Analysis Of Modern Dance  
KDB176 Popular Dance Styles  
KDB114 Australian Dance  
KDB117 Dance In Education

#### Drama

KTB208 Elements Of Drama  
KTB214 Process Drama  
KTB251 20th Century Stages  
KTB253 Staging Australia  
KTB271 Studies In Directing  
KTB275 Understanding Performance  
KTB278 Technical Theatre

#### Music

KMB619 Music And Sound Technology  
KMB649 Introductory Musicianship  
KMB650 Introductory Ensemble  
KMB640 Sex Drugs Rock N Roll  
KMB639 Music Directing  
KMB631 World Music

#### Visual Arts

KVB447 Drawing  
KVP507 Painting  
KVB457 Sculpture  
KVP503 Clay Materials  
KVP509 Photographic Media  
KVP511 Printmaking  
KVB702 Australian And Indigenous Art

#### Science

MDB389 Life And Living Processes  
MDB390 Natural And Processed Materials  
MDB391 Earth And Space

#### Technology

MDB383 Using Technology In The Curriculum  
MDB393 Networked Communities  
MDP536 Computer Graphics In Teaching  
MDB397 Multimedia

### List 3 : Early Childhood Curriculum Elective Units

EAB360 Early Childhood Drama In Education  
EAB361 Storytelling In Early Childhood  
EAB362 Ethical Responsibilities In Early Childhood  
EAB363 Creating Curriculum With Young Children

### List 4 : Education Studies Elective Units

CLB301 Powerful Teachers, Powerful Students  
CLB302 Identifying And Responding To Student Difference  
CLB346 Case Studies In Adult And Family Literacy  
CLB347 Teaching Students From Non-English Speaking Backgrounds  
CLB401 Cultural Diversity And Education  
CLB402 Issues In Indigenous Education  
CLB403 Gender And Sexuality Issues For Teachers  
EAB423 Museums: Places Of Learning  
EDB440 Independent Study  
MDB300 Teaching In The Information Age  
SPB003 Teaching Children With Low Incidence Disabilities And Health Problems  
SPB004 Teaching Exceptional Students  
SPB006 Educational Counselling  
SPB007 Human Sexuality And Learning  
SPB009 Research Methods In Education  
SPB010 Education Law And The Beginning Teacher

SPB011 Learning/teaching Environments  
 SPB012 Classroom And Behaviour Management  
 SPB017 Classroom Management: Models And Practice  
 SPB018 Teaching Strategies  
 SPB019 Introduction To Educational Administration  
 SPB020 Classroom Assessment Practices  
 EDB440 Independent Study may be taken once only. An Independent Study Guide and Application are available from the Faculty of Education Office and should be completed and submitted prior to the semester that the study takes place.

## ■ Bachelor of Education (Adult and Workplace Education) (ED54)

**Award title:** Bachelor of Education

**CRICOS code:** 000783G

**Location:** Kelvin Grove and External

**Course duration (full-time):** 2 Years

**Course duration (part-time):** 4 Years

**Course duration (external):** 2 Years Full-time, 4 Years Part-time

**Total credit points:** 384 (192 granted on entry)

**Course coordinator:** Ms Patricia Ward

### Entry Requirements

Applicants must have:

- An associate diploma or diploma and two (2) years work experience in an area appropriate to that qualification; or
- a trade certificate, Registered General or Enrolled Nurse certificate (or equivalent), and 10 years related industry experience; or
- two (2) years of full-time bachelor degree study in a discipline area relevant to career path being pursued.

Note: special consideration may be given to those applicants with extensive adult and/or workplace education work experience.

### Course Structure

The structure of this course is comprised of units from three strands of study, namely Education Studies, Curriculum Studies, and Professional Practice.

Students must complete 72 credit points of Education Studies, 72 credit points of Curriculum Studies and 48 credit points of Professional Practice.

Students with appropriate discipline studies may seek faculty approval to follow the Secondary Pathway to facilitate teacher registration with the Queensland Board of Teacher Registration.

### Full-time Course Structure

#### Semester 1

SPB026 Adult Education In The Workplace And Community  
 EDB400 Field Experience 1  
 EDB401 Field Experience 2  
 SPB027 Orientation To Adult And Workplace Programs  
 SPB029 Instructional Strategies For Adult And Workplace Educators

#### Semester 2

CLB304 Context Of Adult And Workplace Education  
 SPB028 The Group In Adult And Workplace Education  
 SPB023 Adult Learning And Development  
 EDB400 Field Experience 1  
 EDB401 Field Experience 2

#### Semester 3

EDB402 Field Experience 3  
 SPB030 Programming In Adult And Workplace Education  
 SPB034 Organisation And Administration Of Adult And Workplace Education  
 Education Studies Elective

#### Semester 4

Education Studies Elective  
 Curriculum Studies Elective  
 SPB025 The Individual In Adult And Workplace Education  
 EDB403 Field Experience 4

### Part-time Course Structure

#### Year 1, Semester 1

SPB027 Orientation To Adult And Workplace Programs

SPB026 Adult Education In The Workplace And Community

#### Year 1, Semester 2

SPB029 Instructional Strategies For Adult And Workplace Educators

CLB304 Context Of Adult And Workplace Education

#### Year 2, Semester 1

SPB028 The Group In Adult And Workplace Education

EDB400 Field Experience 1

EDB401 Field Experience 2

#### Year 2, Semester 2

EDB400 Field Experience 1

EDB401 Field Experience 2

SPB023 Adult Learning And Development

#### Year 3, Semester 1

SPB030 Programming In Adult And Workplace Education

SPB034 Organisation And Administration Of Adult And Workplace Education

#### Year 3, Semester 2

SPB025 The Individual In Adult And Workplace Education

EDB402 Field Experience 3

#### Year 4, Semester 1

Education Studies Elective Unit

Curriculum Studies Elective Unit

#### Year 4, Semester 2

EDB403 Field Experience 4

Education Studies Elective Unit

### Education Studies Elective Units

#### List 3

CLB304 Context Of Adult And Workplace Education  
 CLB302 Identifying And Responding To Student Difference  
 CLB346 Case Studies In Adult And Family Literacy  
 CLB347 Teaching Students From Non-English Speaking Backgrounds  
 CLB401 Cultural Diversity And Education  
 CLB402 Issues In Indigenous Education  
 CLB403 Gender And Sexuality Issues For Teachers  
 EAB423 Museums: Places Of Learning  
 EDB440 Independent Study  
 MDB300 Teaching In The Information Age  
 MDB381 Science And Technology In The Community And Workplace  
 SPB003 Teaching Children With Low Incidence Disabilities And Health Problems

SPB004 Teaching Exceptional Students

SPB006 Educational Counselling

SPB007 Human Sexuality And Learning

SPB008 The Middle Years Of Schooling

SPB009 Research Methods In Education

SPB010 Education Law And The Beginning Teacher

SPB011 Learning/teaching Environments

SPB012 Classroom And Behaviour Management

SPB017 Classroom Management: Models And Practice

SPB018 Teaching Strategies

SPB019 Introduction To Educational Administration

SPB020 Classroom Assessment Practices

#### List 2: Curriculum Studies Elective Units

CLB339 Adult Literacy And Second Language Learners

EDB440 Independent Study

MDB349 Mathematical Reasoning

MDB451 Open Learning and Flexible Delivery

MDB453 Mathematics for Schools

SPB013 Progressive Strategies For General And Vocational Education

## ■ Bachelor of Education (Early Childhood) (ED52)

**Award title:** Bachelor of Education

**CRICOS code:** 000783G

**Location:** Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 384

**Course coordinator:** Ms Di Nailon

### Restricted intake in 2003

The Bachelor of Education (ED52) has been replaced by the newly coded Bachelor of Education (ED92) with effect from 2003. There will be no intake into ED52 in 2003 with the exception of students commencing their studies with significant advanced standing from previous tertiary level study.

### Professional Recognition

The Bachelor of Education (Early Childhood) is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland. The course is also accredited by the Department of Families, Youth and Community Care for employment in child care.

### Research Pathway

Students with a Grade Point Average of 5.5 or above before the commencement of Year 3, may be invited to undertake the Research Pathway. This option is designed to meet the needs of students wishing to undertake research level study in the course of their future career. The pathway is designed to develop research skills and a research oriented, reflective approach to teaching.

### Three-year Bachelor of Early Childhood Studies

Students who commence study in the four-year, full-time Bachelor of Education (Early Childhood) specialisation may choose to exit from the course at the end of their third year. Students will exit with a three-year Bachelor of Early Childhood Studies qualification specific to the Child Care area. Graduates of the three-year program are not eligible for registration with the Queensland Board of Teacher Registration.

### Course structure

#### Semester 1

CLB305	Education In Context
EAB351	Family Studies And Early Childhood Education
MDB386	Mathematics Foundations Discipline Foundation Elective (List 1)

#### Semester 2

SPB001	Human Development And Education
CLB344	Early Childhood Curriculum Elective (List 4) Discipline Foundation Elective (List 1)

#### Semester 3

EAB442	Motor And Social Development In Early Childhood
EAB347	Early Childhood Curriculum: Early Mathematical Explorations
EDB422	Early Childhood Professional Practice: Preschool/kindergarten Discipline Foundation Elective (List 1)

#### Semester 4

EAB345	Early Childhood Curriculum: Language Education
EAB443	Cognition And Language In Early Childhood
EAB346	Early Childhood Curriculum: Science, Society And The Environment Discipline Minor Elective (List 2)

#### Semester 5

SPB002	Psychology Of Learning And Teaching
EAB350	Advanced Early Childhood Curriculum: Literacy And Numeracy In The Early Years
EAB348	Early Childhood Curriculum: Arts Discipline Minor Elective (List 2)

#### Semester 6

CLB306	Understanding Educational Practices
EDB421	Early Childhood Professional Practice: Lower Primary
EAB444	Inclusive Practices In Early Childhood Early Childhood Curriculum: Elective (List 4)

#### Semester 7

EDB420	Early Childhood Professional Practice: Child Care
EAB412	Advanced Integrated Early Childhood Curriculum
EAB413	Management Of Early Childhood Services Discipline Minor Elective (List 2)

#### Semester 8

EDB423	Early Childhood Professional Practice: Choice
EAB349	Advanced Early Childhood Curriculum: Arts Education Studies Elective Unit (List 3) Education Studies Elective Unit (List 3)

### ED52 - Research Pathway Option

#### Year 3, Semester 2

EDB410	Introduction To Research Methods In Education
CLB306	Understanding Educational Practices
EDB421	Early Childhood Professional Practice: Lower Primary
EAB444	Inclusive Practices In Early Childhood

#### Year 4, Semester 1

EDB411	Dissertation
EDB420	Early Childhood Professional Practice: Child Care
EAB412	Advanced Integrated Early Childhood Curriculum
EAB413	Management Of Early Childhood Services

#### Year 4, Semester 2

EDB411	Dissertation
EDB411	Dissertation
EAB349	Advanced Early Childhood Curriculum: Arts
EDB423	Early Childhood Professional Practice: Choice

### List 1 : Discipline Foundation Elective Units

See Bachelor of Early Childhood Studies (ED43) for list.

### List 2 : Discipline Minor Elective Units

See Bachelor of Early Childhood Studies (ED43) for list.

### List 3 : Early Childhood Curriculum Elective Units

Elective unit offerings subject to approval

EAB360	Early Childhood Drama In Education
EAB361	Storytelling In Early Childhood
EAB362	Ethical Responsibilities In Early Childhood
EAB363	Creating Curriculum With Young Children
EAB415	Resource/support Programs In Early Childhood
EAB416	Early Childhood Art Education
EAB418	Studies In Narrative For Young Children
EAB419	Music Education For Diverse Learners
EAB420	Children, Teachers And The Environment
EAB421	Everyday Food Learning
EAB422	Technology And The Young Child
EDB440	Independent Study

EDB440 Independent Study may be taken once only. An Independent Study Guide and application are available from the Faculty of Education Office.

### List 4 : Education Studies Electives

See Bachelor of Early Childhood Studies (ED43) for list.

## ■ Bachelor of Education (Early Childhood) (ED92)

**Award title:** Bachelor of Education

**CRICOS code:** 000783G

**Location:** Kelvin Grove

**Course duration (full-time):** 4 years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Ms Di Nailon

### Professional Recognition

The Bachelor of Education (Early Childhood) is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland. Applicants for teacher registration in Queensland are subject to national criminal history checks. Early childhood specialisations are also accredited by the Department of Families, Youth and Community Care for employment in child care.

### Course structure

#### Year 1, Semester 1

EDB006	Learning Networks
EDB001	Teaching and Learning Studies 1: Teaching in New Times
EAB008	Early Childhood Language and Literacies and Communication 1
EAB001	Early Childhood Foundations 1: Historical and Comparative Perspectives of Early Childhood Education

#### Year 1, Semester 2

EDB007	Culture Studies: Indigenous Education
EAB003	Development and Learning in Early Childhood 1
EAB011	Early Childhood Curriculum: Arts 1
EAB002	Early Childhood Foundations 2: Families and Childhoods in Early Childhood Education and Care

#### Year 2, Semester 1

EAB004	Development and Learning in Early Childhood 2
EDB011	Early Childhood Field Studies 1: Development and Learning in the Field
EAB013	Early Childhood Curriculum: Study of Society and the Environment and Health

EAB014	Early Childhood Mathematics, Science and Technology Education 1
<b>Year 2, Semester 2</b>	
EDB003	Teaching and Learning Studies 3: Practising Education
EDB012	Early Childhood Field Studies 2: Practising Education in the Field
EAB015	Early Childhood Mathematics, Science and Technology Education 2
EAB009	Early Childhood Language and Literacies and Communication 2
<b>Year 3, Semester 1</b>	
EAB005	Inclusion in Early Childhood Settings
EDB013	Early Childhood Field Studies 3: Immersion in Inclusive Educational Practices
EAB012	Early Childhood Curriculum: Arts 2
EAB016	Research in Early Childhood Education
<b>Year 3, Semester 2</b>	
EAB017	Integrated Early Childhood Curriculum
EAB010	Early Childhood Language and Literacies and Communication 3 Pathway Studies 1 Pathway Studies 2
<b>Year 4, Semester 1</b>	
EAB018/1	Applied Early Childhood Curriculum Project
EAB006	Leadership and Management in Early Childhood Services Pathway Studies 3 Pathway Studies 4
<b>Year 4, Semester 2</b>	
EAB007	Working with Parents and Other Adults in Early Childhood Education and Care Services
EDB014	Early Childhood Field Studies 4: Professional Work of Teachers - Induction into the Field
EDB015	Internship (Early Childhood)
EAB018/2	Applied Early Childhood Curriculum Project

**ED92 - Research Pathway Option**

**Research Pathway Option**

The research pathway option is designed to meet the needs of students wishing to undertake research-based higher degree study in the course of their future career. The pathway is designed to develop research skills and a research oriented, reflective approach to teaching. The amended structure for Research Pathway students will be:

**Year 3, Semester 1**

EAB005	Inclusion in Early Childhood Settings
EDB013	Early Childhood Field Studies 3: Immersion in Inclusive Educational Practices
EAB012	Early Childhood Curriculum: Arts 2 AND
EAB016	Research in Early Childhood Education OR
EDB410	Introduction To Research Methods In Education

**Year 3, Semester 2**

EAB017	Integrated Early Childhood Curriculum
EAB010	Early Childhood Language and Literacies and Communication 3 Elective
EDB411	Dissertation

**Year 4, Semester 1**

EAB018/1	Applied Early Childhood Curriculum Project
EAB006	Leadership and Management in Early Childhood Services
EDB411	Dissertation
EDB411	Dissertation

**Year 4, Semester 2**

EAB007	Working with Parents and Other Adults in Early Childhood Education and Care Services
EDB014	Early Childhood Field Studies 4: Professional Work of Teachers - Induction into the Field
EDB015	Internship (Early Childhood)
EAB018/2	Applied Early Childhood Curriculum Project

**List 1: Pathway Studies Electives**

All students (except those following the LOTE pathway) take a total of four units from this list during Years 2 - 4 (refer to course structure on previous pages for exact semesters). The first 3 should be drawn from one of the specified groups below with the fourth unit being a Project from the same elective group.

**RESEARCH PATHWAY**

EDB440	Independent Study
EDB411	Dissertation

EDB411	Dissertation
EDB411	Dissertation
<b>MIDDLE YEARS PATHWAY</b>	
SPB022	The Middle Years Curriculum
SPB008	The Middle Years Of Schooling
HMB333	Child And Adolescent Health OR
SPB020	Classroom Assessment Practices
EDB440	Independent Study
<b>STUDIES IN INCLUSIVE EDUCATION</b> (choose three from)	
CLB302	Identifying And Responding To Student Difference
CLB347	Teaching Students From Non-English Speaking Backgrounds
CLB401	Cultural Diversity And Education
CLB402	Issues In Indigenous Education
CLB403	Gender And Sexuality Issues For Teachers
SPB003	Teaching Children With Low Incidence Disabilities And Health Problems
SPB004	Teaching Exceptional Students
SPB007	Human Sexuality And Learning
EDB440	Independent Study
<b>STUDIES IN MANAGING EDUCATIONAL SERVICES</b> (choose three from)	
SPB010	Education Law And The Beginning Teacher
SPB011	Learning/teaching Environments
SPB012	Classroom And Behaviour Management
SPB017	Classroom Management: Models And Practice
SPB018	Teaching Strategies
EDB440	Independent Study
<b>LEADING AND MANAGING EDUCATIONAL SERVICES</b>	
SPP506	Policies And Practices In Educational Management
SPP509	Managing The Curriculum
SPP508	Human Resource Management In Education
SPP507	Educational Services Management OR
SPP505	Financial Management In Education Settings OR
SPB010	Education Law And The Beginning Teacher
<b>HEALTH &amp; NUTRITION</b> Units to be confirmed	
<b>STUDIES IN KEY LEARNING AREAS</b> Students wishing to become Key Teachers or teach in the Middle Years select from the following areas.	
<b>LANGUAGE</b>	
CLB441	Children's Literature
CLB452	Media Literacy And The School
CLB451	Storytelling: Cultural Perspectives
EDB440	Independent Study
<b>MATHEMATICS</b>	
MDB347	Excursions In Number
MDB388	Gaming And Chance
MDB396	Excursions In Geometry
EDB440	Independent Study
<b>STUDIES OF SOCIETY AND ENVIRONMENT</b>	
CLB371	Knowing Your Environment
CLB372	The Consumer, Society And The Environment
CLB373	Future Societies And Environments - Australia, Asia And The Pacific
EDB440	Independent Study
<b>HEALTH AND PHYSICAL EDUCATION</b>	
HMB376	Motor Development In Children
HMB333	Child And Adolescent Health
HMB315	Performance Skills 2
EDB440	Independent Study
<b>VISUAL AND PERFORMING ARTS</b> Three units from one of the selected Arts discipline area: Music, Visual Arts, Drama or Dance Students must satisfy any specific entry requirements for Arts units. The fourth unit may be taken from any of these areas.	
<b>DANCE</b>	
KDB117	Dance In Education
KDB125	Deconstructing Dance In History
KDB106	The Analysis Of Modern Dance
KDB176	Popular Dance Styles
KDB114	Australian Dance
<b>DRAMA</b>	
KTB208	Elements Of Drama
KTB214	Process Drama
KTB251	20th Century Stages

KTB253	Staging Australia
KSB259	The Performance Instrument: Body And Voice
KTB271	Studies In Directing
KTB275	Understanding Performance
KSB278	Technical Theatre
	MUSIC
KMB649	Introductory Musicianship
KMB619	Music And Sound Technology
KMB650	Introductory Ensemble
KMB631	World Music
KMB639	Music Directing
KMB640	Sex Drugs Rock N Roll
	VISUAL ARTS
KVB447	Drawing
KVB507	Painting
KVB457	Sculpture
KVB503	Clay Materials
KVB509	Photographic Media
KVB702	Australian And Indigenous Art
	SCIENCE
MDB389	Life And Living Processes
MDB390	Natural And Processed Materials
MDB391	Earth And Space
EDB440	Independent Study
	TECHNOLOGY
MDB392	Educational Computing Environments
MDB393	Networked Communities
MDB397	Multimedia
EDB440	Independent Study

Students in Primary or Early Childhood programs can also select from discipline electives offered in the Secondary program eg HPE, Visual and Performing Arts or Science.

## ■ Bachelor of Education (Early Childhood) - Graduate Course (ED57)

**Award title:** Bachelor of Education

**CRICOS code:** 031572G

**Location:** Kelvin Grove

**Course duration (full-time):** 2 years; 1.5 years Summer Program Option

**Course duration (part-time):** 4 years; 3 years Summer Program Option

**Course duration (external):** 4 years part-time or 2 years full-time; 1.5 years full-time or 3 years part-time Summer Program Option

**Total credit points:** 192

**Course coordinator:** Dr Felicity McArdle

### General Entry Requirements

To be eligible for consideration, applicants:

- (i) must have a completed undergraduate discipline degree from a recognised tertiary institution. The GPA cut-off for 2003 will be 4.5 (applications in the 4.0-4.5 range will be considered, subject to quota); and
- (ii) must have proficiency in English as determined by University requirements.

NOTE: Students based overseas should note that a proportion of the practicum requirements for this course will need to be completed in a Queensland school if registration with the Queensland Board of Teacher Registration is required.

As required by Queensland's Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience. Applicants for registration as a teacher in Queensland are also subject to national criminal history checks.

### Full-time Internal/External Course Structure

#### Semester 1 (Full-time Course Structure)

EDB001	Teaching and Learning Studies 1: Teaching in New Times
EDB422	Early Childhood Professional Practice: Preschool/kindergarten
EAB442	Motor And Social Development In Early Childhood
EAB347	Early Childhood Curriculum: Early Mathematical Explorations

#### Semester 2 (Full-time Course Structure)

SPB001	Human Development And Education
EDB421	Early Childhood Professional Practice: Lower Primary
EAB345	Early Childhood Curriculum: Language Education
EAB443	Cognition And Language In Early Childhood

#### Semester 3 (Full-time Course Structure)

SPB002	Psychology Of Learning And Teaching
EDB420	Early Childhood Professional Practice: Child Care
EAB413	Management Of Early Childhood Services
EAB348	Early Childhood Curriculum: Arts

#### Semester 4 (Full-time Course Structure)

CLB306	Understanding Educational Practices
EDB423	Early Childhood Professional Practice: Choice
EAB346	Early Childhood Curriculum: Science, Society And The Environment
EAB444	Inclusive Practices In Early Childhood

### Accelerated Progression: Full-time Internal/External Course Structure

#### Year 1, Semester 1

EDB001	Teaching and Learning Studies 1: Teaching in New Times
EDB422	Early Childhood Professional Practice: Preschool/kindergarten
EAB442	Motor And Social Development In Early Childhood
EAB347	Early Childhood Curriculum: Early Mathematical Explorations

#### Year 1, Semester 2

SPB001	Human Development And Education
EDB421	Early Childhood Professional Practice: Lower Primary
EAB345	Early Childhood Curriculum: Language Education
EAB443	Cognition And Language In Early Childhood

#### Year 1, Semester 3 (Summer Program)

CLB306	Understanding Educational Practices
EDB420	Early Childhood Professional Practice: Child Care
EAB346	Early Childhood Curriculum: Science, Society And The Environment
EAB444	Inclusive Practices In Early Childhood

#### Year 2, Semester 1

SPB002	Psychology Of Learning And Teaching
EDB423	Early Childhood Professional Practice: Choice
EAB413	Management Of Early Childhood Services
EAB348	Early Childhood Curriculum: Arts

### Part-time Internal/External Course Structure

#### Year 1, Semester 1

EAB442	Motor And Social Development In Early Childhood
EDB001	Teaching and Learning Studies 1: Teaching in New Times

#### Year 1, Semester 2

SPB001	Human Development And Education
EAB443	Cognition And Language In Early Childhood

#### Year 2, Semester 1

EAB347	Early Childhood Curriculum: Early Mathematical Explorations
EDB422	Early Childhood Professional Practice: Preschool/kindergarten

#### Year 3, Semester 1

SPB002	Psychology Of Learning And Teaching
EAB348	Early Childhood Curriculum: Arts

#### Year 3, Semester 2

CLB306	Understanding Educational Practices
EAB346	Early Childhood Curriculum: Science, Society And The Environment

#### Year 4, Semester 1

EAB413	Management Of Early Childhood Services
EDB420	Early Childhood Professional Practice: Child Care

#### Year 4, Semester 2

EAB444	Inclusive Practices In Early Childhood
EDB423	Early Childhood Professional Practice: Choice

### Accelerated Progression: Part-time Internal/External Course Structure

#### Year 1, Semester 1

EAB442	Motor And Social Development In Early Childhood
EDB001	Teaching and Learning Studies 1: Teaching in New Times

#### Year 1, Semester 2

SPB001	Human Development And Education
EAB443	Cognition And Language In Early Childhood

#### Year 1, Semester 3 (Summer Program)

CLB306	Understanding Educational Practices
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EAB346 Early Childhood Curriculum: Science, Society And The Environment

**Year 2, Semester 1**

EAB347 Early Childhood Curriculum: Early Mathematical Explorations

EDB422 Early Childhood Professional Practice: Preschool/kindergarten

**Year 2, Semester 2**

EAB345 Early Childhood Curriculum: Language Education

EDB421 Early Childhood Professional Practice: Lower Primary

**Year 2, Semester 3 (Summer Program)**

EDB420 Early Childhood Professional Practice: Child Care

EAB444 Inclusive Practices In Early Childhood

**Year 3, Semester 1**

EAB348 Early Childhood Curriculum: Arts

SPB002 Psychology Of Learning And Teaching

**Year 3, Semester 2**

EDB423 Early Childhood Professional Practice: Choice

EAB413 Management Of Early Childhood Services

**■ Bachelor of Education (In-service) (ED26)**

**Award title:** Bachelor of Education

**CRICOS code:** 000374C

**Location:** Kelvin Grove and External

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Course duration (external):** 1 year full-time or 2 years part-time

**Total credit points:** 96

**Course coordinator:** A/Prof John Lidstone

**Entry requirements**

Diploma of Education or equivalent qualification.

Evidence of current teacher registration should be provided with the admission application.

**Option 1**

Students may undertake four units of 12 credit points from the Faculty of Education units listed in the elective lists or from the following Faculty of Education postgraduate or preservice courses (subject to course rules):

- Graduate Diploma in Education (Inservice)
  - ED20 GDipEd(Early Childhood)
  - ED21 GDipEd(Computer Education)
  - ED25 GDipEd(Teacher-Librarianship)
  - ED28 GDipEd(Learning Support)
- Bachelor of Education (Preservice)
- Fourth Year Electives
  - ED50 BEd(Secondary)
  - ED51 BEd(Primary)
  - ED52 BEd(Early Childhood)
  - ED54 BEd(Adult & Workplace Education)

**Option 2**

Students may undertake four units of 12 credit points each offered by other faculties within QUT. Approval must be obtained from the Unit Coordinator offering the elective.

**Option 3**

Students may undertake four units of 12 credit points each from a combination of options one and two. While the course is designed to allow maximum flexibility in the selection of electives, students may wish to choose a suite of units related to a specific area of interest. Such areas of interest include Adult and Workplace Education; Art Education; Business Education; Professional Studies; Early Childhood Studies; Environmental Education; Human Relationship Education Studies; Cultural and Language Studies; Learning and Development Studies; Learning Support; Mathematics, Science and Technology Education Studies; Social Education; Educational Management; Computer Education; and Teacher Librarianship.

**Special Areas of Interest**

While the course is designed to allow maximum flexibility in the selection of electives, students may wish to choose a suite of units related to a specific area of interest. Studies in such areas of interest may be of direct relevance to the students professional responsibilities, now or in the future, or may provide an introduction to more advanced work at Master of Education level.

Such areas of interest include: Adult and Workplace Education; Art Education; Business Education; Culture and Policy; Curriculum and Professional Studies; Early Childhood; Environmental Education; Human Relationship Education; Language and Literacy; Learning and Development; Learning Support; Mathematics, Science and Technology Education; Social Education; Educational Management; Computer Education; Teacher-Librarianship.

**Course structure**

**Core Units**

CLB306 Understanding Educational Practices

SPB016 Teachers And The Curriculum

**Cultural and Language Studies in Education**

CLB304 Context Of Adult And Workplace Education

CLB376 Studies Of Society And Environment Curriculum

CLB401 Cultural Diversity And Education

CLB402 Issues In Indigenous Education

CLB403 Gender And Sexuality Issues For Teachers

CLB405 Environmental Education

CLB440 Trends In The Teaching Of Writing

CLB441 Children's Literature

CLB443 Trends In The Teaching Of Reading

CLB451 Storytelling: Cultural Perspectives

CLB454 Language And Literacy Curriculum

**Early Childhood**

EAB346 Early Childhood Curriculum: Science, Society And The Environment

EAB347 Early Childhood Curriculum: Early Mathematical Explorations

EAB410 Early Education: Deciding The Curriculum

EAB411 Early Education: Literacy

EAB440 Working With Parents And Community

EAB443 Cognition And Language In Early Childhood

**Learning and Professional Studies**

SPB002 Psychology Of Learning And Teaching

SPB005 Interactive Teaching Strategies

SPB006 Educational Counselling

SPB007 Human Sexuality And Learning

SPB008 The Middle Years Of Schooling

SPB009 Research Methods In Education

SPB013 Progressive Strategies For General And Vocational Education

SPB017 Classroom Management: Models And Practice

SPB018 Teaching Strategies

SPB019 Introduction To Educational Administration

SPB020 Classroom Assessment Practices

SPB021 Educators And The Law

SPB022 The Middle Years Curriculum

SPB023 Adult Learning And Development

SPB025 The Individual In Adult And Workplace Education

SPB026 Adult Education In The Workplace And Community

SPB027 Orientation To Adult And Workplace Programs

SPB028 The Group In Adult And Workplace Education

SPB029 Instructional Strategies For Adult And Workplace Educators

SPB030 Programming In Adult And Workplace Education

SPB034 Organisation And Administration Of Adult And Workplace Education

**Mathematics, Science and Technology Education**

MDB333 Mathematics Curriculum Studies 1

MDB384 Science Education

MDB411 Early Childhood Mathematics Teaching, Learning And Assessment

MDB414 Learning Environments Using Information Technology

MDB429 Initiatives In Science Education

MDB440 Computers And Education

MDB446 Science For Early Childhood

MDP529 Diagnostic Assessment And Remedial Intervention In Mathematics

**Faculty of Education Elective Units**

EDB440 Independent Study

EDB442	Integrated Professional Seminars
<i>Faculty of Health Elective Units</i>	
HMB307	Health And Physical Education Curriculum (Primary)
HMB337	Organisation And Management In Physical Education And Sport
HMB441	Sociology Of Sport

## ■ Bachelor of Education (Preservice) (Early Childhood) (ED53)

**Award title:** Bachelor of Education (Preservice)

**Location:** External

**Course duration (external):** 4 years

**Total credit points:** 384 (192 awarded upon entry to the course)

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Jo Brownlee

### Entry Requirements

Applicants must have:

- Diploma of Children's Services (Centre Based Care) or an equivalent accredited qualification; and at least two (2) years full-time (or equivalent) employment in the field of Child Care or Children's Services at Group Leader level or above (or equivalent); or
- Advanced Diploma of Community Services (Children's Services) or an equivalent accredited qualification; and Current employment as a Group Leader, Advanced Child Care Worker or at a higher level (or equivalent) in early childhood care and education services. Further, at least one (1) year full-time (or equivalent) Group Leader etc employment must be completed before course completion.

Note: Special consideration may be given to those applicants in rural or isolated locations, and/or who have departmental/work requirements.

### Professional Recognition

The Bachelor of Education (Preservice Early Childhood) is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland. Applicants for teacher registration in Queensland are subject to national criminal history checks. Early Childhood specialisations are also accredited by the Department of Families, Youth and Community Care for employment in the area of child care.

### Early Exit

Students who wish to exit the course early with a three-year Bachelor of Early Childhood should apply, in the semester they expect to exit (usually on nearing completion of the fourth semester of study), using an SRX Form. Students who take this option will have their enrolment in the Bachelor of Education (Preservice Early Childhood) ED53 cancelled on completion of the transfer. Students wishing to complete their fourth year of study may re-apply for admission to the course at a later stage.

### Accelerated Progression - Summer Program Units

Students may accelerate their progress through the course by undertaking units in the summer program. The summer program units are offered on a full-fee-paying basis only.

### Course structure - First Semester Entry

#### First Semester of Study (March to June)

EAP533 Change In Children: Birth To Eight Years

EAB348 Early Childhood Curriculum: Arts

#### Second Semester of Study (July to October)

EAB351 Family Studies And Early Childhood Education

OR

EAB364 Academic And Professional Communication

AND

EAB413 Management Of Early Childhood Services

#### Third Semester of Study (March to June)

EAB347 Early Childhood Curriculum: Early Mathematical Explorations

EAB346 Early Childhood Curriculum: Science, Society And The Environment

#### Fourth Semester of Study (July to October)

EAB345 Early Childhood Curriculum: Language Education

EAB444 Inclusive Practices In Early Childhood

#### Fifth Semester of Study (March to June)

EDB422 Early Childhood Professional Practice: Preschool/kindergarten

AND

CLB402 Issues In Indigenous Education

OR (For International Students Only)

CLB401 Cultural Diversity And Education

#### Sixth Semester of Study (July to October)

EDB421 Early Childhood Professional Practice: Lower Primary

EAB445 Applied Studies Of Children In Early Childhood Contexts

#### Seventh Semester of Study (March to June)

CLB306 Understanding Educational Practices

EAB412 Advanced Integrated Early Childhood Curriculum

#### Eighth Semester of Study (July to October)

SPB002 Psychology Of Learning And Teaching

EDB423 Early Childhood Professional Practice: Choice

### Course structure - Mid-year Entry

#### First semester of study (July to October)

EAP533 Change In Children: Birth To Eight Years

EAB413 Management Of Early Childhood Services

#### Second semester of study (March to June)

EAB351 Family Studies And Early Childhood Education

OR

EAB364 Academic And Professional Communication

AND

EAB348 Early Childhood Curriculum: Arts

#### Third semester of study (July to October)

EAB345 Early Childhood Curriculum: Language Education

EAB444 Inclusive Practices In Early Childhood

#### Fourth semester of study (March to June)

EAB347 Early Childhood Curriculum: Early Mathematical Explorations

EAB346 Early Childhood Curriculum: Science, Society And The Environment

#### Fifth semester of study (July to October)

EDB422 Early Childhood Professional Practice: Preschool/kindergarten

EAB445 Applied Studies Of Children In Early Childhood Contexts

#### Sixth semester of study (March to June)

EDB421 Early Childhood Professional Practice: Lower Primary

AND

CLB402 Issues In Indigenous Education

OR (For International Students Only)

CLB401 Cultural Diversity And Education

#### Seventh semester of study (July to October)

EAB412 Advanced Integrated Early Childhood Curriculum

SPB002 Psychology Of Learning And Teaching

#### Eighth semester of study (March to June)

EDB423 Early Childhood Professional Practice: Choice

CLB306 Understanding Educational Practices

## ■ Bachelor of Education (Primary) (ED51)

**Award title:** Bachelor of Education

**CRICOS code:** 000783G

**Location:** Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 384

**Course coordinator:** Dr Jackie Stokes

### Professional Recognition

The Bachelor of Education (Primary) is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland. Applicants for teacher registration in Queensland are subject to national criminal history checks.

### LOTE Pathway

Students undertaking a LOTE pathway may be required to attend other campuses.



Students wishing to undertake studies in French, German, Indonesian or Japanese are required to select a specified sequence of six units (72 credit points). Students who have taken their LOTE to Year 12 or equivalent do not take the introductory units.

### Research Pathway

Students with a Grade Point Average of 5.5 or above before the commencement of Year 3, may be invited to undertake the Research Pathway Option. This option is designed to meet the needs of students wishing to undertake research-based higher degree study in the course of their future career. The pathway is designed to develop research skills and a research-oriented, reflective approach to teaching.

### Middle Years Pathway

Students have the option of choosing the Middle Years pathway which will enable them to gain expertise in middle year schooling. The option involves choosing four units in the final semester including a practicum in the middle years setting (subject to Grade Point Average of 5 or above).

### Course structure

#### Semester 1

- CLB305 Education In Context
- CLB344 Language & Literacy Foundations
- SPB001 Human Development And Education and one of:
- MDB385 Information & Technology in Education or for LOTE Pathway
- LOTE 1 (List 2)

#### Semester 2

- HMB171 Fitness Health And Wellness
- EDB430 Primary Professional Practice 1: Classroom Management
- MDB386 Mathematics Foundations and one of:
- CLB369 Social And Environmental Foundations or for LOTE Pathway
- LOTE 2 (List 2)

#### Semester 3

- MDB387 Science Foundations and either:
- KKB918 Arts Foundation Studies
- MDB373 Mathematics Curriculum 1
- CLB376 Studies Of Society And Environment Curriculum or for LOTE Pathway
- LOTE 3 (List 2)
- MDB450 Primary Mathematics Curriculum
- MDB385 Information Technologies In Education

#### Semester 4

- MDB383 Using Technology In The Curriculum and either:
- KKB914 Visual And Performing Arts Curriculum 1
- CLB348 Language And Literacy Curriculum 1
- Discipline Studies Elective (List 1) or for LOTE Pathway
- LOTE 4 (List 2)
- CLB372 The Consumer, Society And The Environment
- CLB454 Language And Literacy Curriculum

#### Semester 5

- SPB002 Psychology Of Learning And Teaching
- EDB431 Primary Professional Practice 2: Curriculum Decision Making and either:
- Discipline Studies Elective (List 1)
- CLB349 Language And Literacy Curriculum 2 or for LOTE Pathway
- LOTE 5 (List 2)
- KKB918 Arts Foundation Studies

#### Semester 6

- CLB306 Understanding Educational Practices
- MDB384 Science Education and either:
- MDB374 Mathematics Curriculum 2
- Discipline Studies Elective (List 1) or for LOTE Pathway
- LOTE 6 (List 2) and
- KKB914 Visual And Performing Arts Curriculum 1

#### Semester 7

- EDB432 Primary Professional Practice 3: The Inclusive Curriculum
- HMB307 Health And Physical Education Curriculum (Primary)
- CLB413 Programming And Assessment In Language And Mathematics and either:
- Discipline Studies Elective (List 1) or for LOTE Pathway
- CLB376 Studies Of Society And Environment Curriculum
- Students in LOTE Pathway undertake LOTE professional practice for EDB432

#### Semester 8

- Education Studies Elective
- Education Studies Elective
- EDB433 Primary Professional Practice 4: Beginning Teaching and either
- Curriculum Studies Elective or for LOTE Pathway
- CLB334 Primary LOTE Curriculum Studies

### ED51 - Research Pathway Option

#### Year 3, Semester 2

- EDB410 Introduction To Research Methods In Education
- MDB374 Mathematics Curriculum 2
- MDB384 Science Education
- Discipline Studies Elective Unit

#### Year 4, Semester 1

- EDB411 Dissertation
- EDB432 Primary Professional Practice 3: The Inclusive Curriculum
- CLB413 Programming And Assessment In Language And Mathematics
- HMB307 Health And Physical Education Curriculum (Primary)

#### Year 4, Semester 2

- CLB306 Understanding Educational Practices
- EDB411 Dissertation
- EDB411 Dissertation
- EDB433 Primary Professional Practice 4: Beginning Teaching

### ED51 - Middle Years Pathway Option

#### Year 4, Semester 2

- SPB022 The Middle Years Curriculum
- SPB008 The Middle Years Of Schooling
- EDB433 Primary Professional Practice 4: Beginning Teaching
- EDB443 Professional Internship Of Associate Teaching

### List 1 : Discipline Studies Electives

All students (except those following the LOTE pathway) take a total of four units from this list during Years 2 - 4 (refer to course structure on previous pages for exact semesters).

The first three should be drawn from one of the specified minors below. Students may take the fourth unit from the same elective group, or from other undergraduate offerings at QUT.

#### Language

- Minor
- CLB441 Children's Literature
- CLB452 Media Literacy And The School
- CLB451 Storytelling: Cultural Perspectives
- Additional Units
- CLB446 Understanding Texts and Writing
- CLB321 Writing Workshop

#### Mathematics

- Minor
- MDB347 Excursions In Number
- MDB388 Gaming And Chance
- MDB396 Excursions In Geometry
- Additional Unit
- MDB349 Mathematical Reasoning

#### Studies Of Society And Environment

- Minor
- CLB371 Knowing Your Environment
- CLB372 The Consumer, Society And The Environment
- CLB373 Future Societies And Environments - Australia, Asia And The Pacific
- CLB375 Environmental Field Studies

#### Health And Physical Education

- Minor
- HMB376 Motor Development In Children
- HMB333 Child And Adolescent Health
- HMB315 Performance Skills 2
- Additional Units

HMB305	Personal Health
HMB313	Socio-Cultural Foundations Of Physical Activity
HMB314	Performance Skills 1
HMB316	Performance Skills 3
HMB332	Health Related Fitness
PUB127	Health Issues In Australia
	HMB315 and HMB314 cannot be taken in the same semester as a Block Practical

**Visual And Performing Arts**

Three units from one of the selected Arts discipline area: Music, Visual Arts, Drama or Dance

Students must satisfy any specific entry requirements for Arts units. The fourth unit may be taken from any of these areas.

**Dance**

KDB125	Deconstructing Dance In History
KDB106	The Analysis Of Modern Dance
KDB176	Popular Dance Styles
KDB114	Australian Dance
KDB117	Dance In Education

**Drama**

KTB208	Elements Of Drama
KTB214	Process Drama
KTB251	20th Century Stages
KTB253	Staging Australia
KSB259	The Performance Instrument: Body And Voice
KTB271	Studies In Directing
KTB275	Understanding Performance
KTB278	Technical Theatre

**Music**

KMB619	Music And Sound Technology
KMB912	Introductory Musicianship
KMB650	Introductory Ensemble
	Additional Units
KMB631	World Music
KMB639	Music Directing
KMB640	Sex Drugs Rock N Roll

**Visual Arts**

KVB447	Drawing
KVP507	Painting
KVB457	Sculpture
KVP503	Clay Materials
KVP509	Photographic Media
KVP511	Printmaking
KVB702	Australian And Indigenous Art

**Science**

	Minor
MDB389	Life And Living Processes
MDB390	Natural And Processed Materials
MDB391	Earth And Space
	Additional Units
LSB142	Human Anatomy and Physiology
SCB202	Science, Technology and Society

**Technology**

	Minor
MDB392	Educational Computing Environments
MDB393	Networked Communities
MDB397	Multimedia
MDB377	Project Planning And Implementation For Educational Purposes

**List 2 : Languages Other Than English (LOTE) Units**

**LOTE Units**

General primary/LOTE students are required to complete 72 credit points of discipline/content studies plus 12 credit points of curriculum studies in one of the four languages available.

Students who have taken their LOTE to Year 12 or equivalent do not take the introductory units.

The language units in the discipline/content strand are as follows:

**French**

HHB060	French For The Tourism Industry
HHB061	French 1
HHB062	French 2
HHB063	French 3
HHB064	French 4
HHB065	French 5
HHB066	French 6
HHB067	French 7
HHB068	French 8
HHB069	French 9

**French 10**

**German**

HHB091	German 1
HHB092	German 2
HHB093	German 3
HHB094	German 4
HHB095	German 5
HHB096	German 6
HHB097	German 7
HHB098	German 8

**Indonesian**

HHB071	Indonesian 1
HHB072	Indonesian 2
HHB073	Indonesian 3
HHB074	Indonesian 4
HHB075	Indonesian 5
HHB076	Indonesian 6
HHB077	Indonesian 7
HHB078	Indonesian 8

**Japanese**

HHB081	Japanese 1
HHB082	Japanese 2
HHB083	Japanese 3
HHB084	Japanese 4
HHB085	Japanese 5
HHB086	Japanese 6
HHB087	Japanese 7
HHB088	Japanese 8

**List 3 : Education Studies Electives**

CLB302	Identifying And Responding To Student Difference
CLB346	Case Studies In Adult And Family Literacy
CLB347	Teaching Students From Non-English Speaking Backgrounds
CLB401	Cultural Diversity And Education
CLB402	Issues In Indigenous Education
CLB403	Gender And Sexuality Issues For Teachers
EAB423	Museums: Places Of Learning
EDB440	Independent Study
EDB443	Professional Internship Of Associate Teaching
SPB003	Teaching Children With Low Incidence Disabilities And Health Problems
SPB004	Teaching Exceptional Students
SPB006	Educational Counselling
SPB007	Human Sexuality And Learning
SPB008	The Middle Years Of Schooling
SPB009	Research Methods In Education
SPB010	Education Law And The Beginning Teacher
SPB011	Learning/teaching Environments
SPB012	Classroom And Behaviour Management
SPB017	Classroom Management: Models And Practice
SPB018	Teaching Strategies
SPB019	Introduction To Educational Administration
SPB020	Classroom Assessment Practices

**List 4 : Curriculum Studies Electives**

KKB916	Adv Visual And Performing Arts Curriculum
EDB440	Independent Study
CLB370	Advanced Curriculum: Environmental Education
CLB414	Advanced Topics In Language Education
MDB429	Initiatives In Science Education
MDB449	Information Technologies To Support Effective Learning And Teaching
SPB015	Getting It All Together: Teachers- Professional Work In The Differing Contexts Of The Primary Classroom
SPB016	Teachers And The Curriculum
SPB022	The Middle Years Curriculum
HMB341	Sporting And Outdoor Education Administration
EDB440	Independent Study may be taken once only. An Independent Study Guide and application are available from the Faculty of Education Office.

**■ Bachelor of Education (Primary) (ED91)**

**Award title:** Bachelor of Education (Primary)

**CRICOS code:** 000783G

**Location:** Kelvin Grove

**Course duration (full-time):** 4 years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Jackie Stokes

**Professional recognition**

The Bachelor of Education (Primary) is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland. Applicants for teacher registration in Queensland are subject to national criminal history checks.

**LOTE pathway**

Students undertaking a LOTE pathway may be required to attend other campuses.

Students wishing to undertake studies in French, German, Indonesian or Japanese are required to select a specified sequence of six units (72 credit points). Students who have taken their LOTE to Year 12 or equivalent do not take the introductory units.

**Research pathway**

Certain students will be invited to undertake the Research Pathway Option. This option is designed to meet the needs of students wishing to undertake research-based higher degree study in the course of their future career. The pathway is designed to develop research skills and a research-oriented, reflective approach to teaching.

**Course structure**

*Year 1, Semester 1*

- EDB001 Teaching and Learning Studies 1: Teaching in New Times
- EDB006 Learning Networks
- CLB004 Integrated Foundation Studies 1: Visual and Verbal Language and Literacies
- MDB001 Integrated Foundations Studies 2: Scientific and Quantitative Literacy

*Year 1, Semester 2*

- EDB007 Culture Studies: Indigenous Education
- CLB006 Primary Curriculum and Pedagogies: Language and Literacies 1
- MDB002 Primary Curriculum and Pedagogies: Mathematics 1
- CLB005 Integrated Foundation Studies 3: Wellness and Active Citizenship

*Year 2, Semester 1*

- EDB002 Teaching and Learning Studies 2: Development and Learning
- EDB021 Primary Field Studies 1: Development and Learning in the Field
- MDB006 Primary Curriculum & Pedagogies: Science
- MDB004 Primary Curriculum & Pedagogies: Information and Communication Technologies

*Year 2, Semester 2*

- KKB201 Primary Curriculum & Pedagogies: Arts 1
- CLB008 Primary Curriculum and Pedagogies: Studies of Society and Environment  
Pathway studies 1  
Pathway studies 2

*Year 3, Semester 1*

- Primary Curriculum & Pedagogies: Health & Physical Education
- MDB005 Primary Curriculum & Pedagogies: Design and Technology Education
- CLB007 Primary Curriculum and Pedagogies: Language and Literacies 2  
Pathway studies 3

*Year 3, Semester 2*

- EDB003 Teaching and Learning Studies 3: Practising Education
- EDB022 Primary Field Studies 2: Practising Education in the Field
- MDB003 Primary Curriculum & Pedagogies: Mathematics 2
- KKB202 Primary Curriculum & Pedagogies: Arts 2

*Year 4, Semester 1*

- EDB004 Teaching and Learning Studies 4: Focus on Inclusive Education
- EDB023 Primary Field Studies 3: Immersion in Inclusive Education
- SPB036 Primary Curriculum and Pedagogies: Assessment and Reporting
- SPB035 Primary Curriculum and Pedagogies: Integrated Primary and Middle Years Curriculum Project

*Year 4, Semester 2*

- EDB005 Teaching and Learning Studies 5: Professional Work of Teachers

- EDB024 Primary Field Studies 4: Professional Work of Teachers - Induction into the Field
- EDB025 Internship (Primary)  
Pathway studies 4 (Project)

**ED91 - LOTE Pathway**

*Year 1, Semester 1*

- EDB006 Learning Networks
- KKB914 Visual And Performing Arts Curriculum 1
- CLB004 Integrated Foundation Studies 1: Visual and Verbal Language and Literacies  
LOTE 1 or 3

*Year 1, Semester 2*

- EDB001 Teaching and Learning Studies 1: Teaching in New Times
- CLB006 Primary Curriculum and Pedagogies: Language and Literacies 1
- MDB002 Primary Curriculum and Pedagogies: Mathematics 1  
LOTE 2 or 4

*Year 2, Semester 1*

- EDB002 Teaching and Learning Studies 2: Development and Learning
- EDB021 Primary Field Studies 1: Development and Learning in the Field
- MDB004 Primary Curriculum & Pedagogies: Information and Communication Technologies  
LOTE 3 or 5

*Year 2, Semester 2*

- EDB007 Culture Studies: Indigenous Education
- CLB008 Primary Curriculum and Pedagogies: Studies of Society and Environment
- MDB006 Primary Curriculum & Pedagogies: Science  
LOTE 4 or 6

*Year 3, Semester 1*

- CLB007 Primary Curriculum & Pedagogies: Language and Literacies 2  
Primary Curriculum & Pedagogies: Health & Physical Education  
Primary Curriculum 1 LOTE  
LOTE 5 or 7

*Year 3, Semester 2*

- EDB003 Teaching and Learning Studies 3: Practising Education
- EDB022 Primary Field Studies 2: Practising Education in the Field
- MDB003 Primary Curriculum & Pedagogies: Mathematics 2  
LOTE 6 or 8

*Year 4, Semester 1*

- EDB004 Teaching and Learning Studies 4: Focus on Inclusive Education
- EDB023 Primary Field Studies 3: Immersion in Inclusive Education
- KKB202 Primary Curriculum & Pedagogies: Arts 2
- SPB036 Primary Curriculum and Pedagogies: Assessment and Reporting

*Year 4, Semester 2*

- EDB005 Teaching and Learning Studies 5: Professional Work of Teachers
- EDB024 Primary Field Studies 4: Professional Work of Teachers - Induction into the Field
- EDB025 Internship (Primary)  
Primary Curriculum 2 LOTE

**ED91 - Research Pathway Option**

*Year 1, Semester 2*

- After a common First Semester of study, the structure for Research Pathway students will be:
- EDB007 Culture Studies: Indigenous Education
- CLB006 Primary Curriculum and Pedagogies: Language and Literacies 1  
Primary Curriculum & Pedagogies: Visual Arts
- CLB005 Integrated Foundation Studies 3: Wellness and Active Citizenship

*Year 2, Semester 1*

- EDB002 Teaching and Learning Studies 2: Development and Learning
- EDB021 Primary Field Studies 1: Development and Learning in the Field
- MDB002 Primary Curriculum and Pedagogies: Mathematics 1
- MDB004 Primary Curriculum & Pedagogies: Information and Communication Technologies

*Year 2, Semester 2*

- CLB008 Primary Curriculum and Pedagogies: Studies of Society and Environment
- MDB006 Primary Curriculum & Pedagogies: Science

- Pathway Studies 1  
 Pathway Studies 2
- Year 3, Semester 1**
- Primary Curriculum & Pedagogies: Health & Physical Education
- MDB005 Primary Curriculum & Pedagogies: Design and Technology Education
- CLB007 Primary Curriculum and Pedagogies: Language and Literacies 2
- EDB410 Introduction To Research Methods In Education

- Year 3, Semester 2**
- EDB003 Teaching and Learning Studies 3: Practising Education
- MDB003 Primary Curriculum & Pedagogies: Mathematics 2
- Primary Curriculum & Pedagogies: Performing Arts
- EDB411 Dissertation

- Year 4, Semester 1**
- EDB004 Teaching and Learning Studies 4: Focus on Inclusive Education
- EDB023 Primary Field Studies 3: Immersion in Inclusive Education
- SPB036 Primary Curriculum and Pedagogies: Assessment and Reporting
- EDB411 Dissertation

- Year 4, Semester 2**
- EDB005 Teaching and Learning Studies 5: Professional Work of Teachers
- EDB024 Primary Field Studies 4: Professional Work of Teachers - Induction into the Field
- EDB025 Internship (Primary)
- EDB411 Dissertation

**List 1: Pathway Studies Electives**

All students (except those following the LOTE pathway) take a total of four units from this list during Years 2 - 4 (refer to course structure on previous pages for exact semesters).

The first 3 should be drawn from one of the specified groups below with the fourth unit being a Project from the same elective group.

**Research Pathway**

(see above for complete research pathway)

- EDB440 Independent Study
- EDB411 Dissertation
- EDB411 Dissertation
- EDB411 Dissertation

**Middle Years Pathway**

- SPB022 The Middle Years Curriculum
- SPB008 The Middle Years Of Schooling
- HMB333 Child And Adolescent Health
- OR
- SPB020 Classroom Assessment Practices
- EDB440 Independent Study

**Studies In Inclusive Education**

Choose three from

- CLB302 Identifying And Responding To Student Difference
- CLB347 Teaching Students From Non-English Speaking Backgrounds
- CLB401 Cultural Diversity And Education
- CLB402 Issues In Indigenous Education
- CLB403 Gender And Sexuality Issues For Teachers
- SPB003 Teaching Children With Low Incidence Disabilities And Health Problems
- SPB004 Teaching Exceptional Students
- SPB007 Human Sexuality And Learning
- EDB440 Independent Study

**Studies In Managing Educational Services**

Choose three from

- SPB010 Education Law And The Beginning Teacher
- SPB011 Learning/teaching Environments
- SPB012 Classroom And Behaviour Management
- SPB017 Classroom Management: Models And Practice
- SPB018 Teaching Strategies
- EDB440 Independent Study

**Leading And Managing Educational Services**

- SPP506 Policies And Practices In Educational Management
- SPP509 Managing The Curriculum
- SPP508 Human Resource Management In Education
- SPP507 Educational Services Management
- OR
- SPP505 Financial Management In Education Settings
- OR
- SPB010 Education Law And The Beginning Teacher

**Health & Nutrition**

Units to be confirmed

**Studies In Key Learning Areas**

Students wishing to become Key Teachers or teach in the Middle Years select from the following areas.

- Language
- CLB441 Children's Literature
- CLB452 Media Literacy And The School
- CLB451 Storytelling: Cultural Perspectives
- EDB440 Independent Study
- Mathematics
- MDB347 Excursions In Number
- MDB388 Gaming And Chance
- MDB396 Excursions In Geometry
- EDB440 Independent Study
- Studies Of Society And Environment
- CLB371 Knowing Your Environment
- CLB372 The Consumer, Society And The Environment
- CLB373 Future Societies And Environments - Australia, Asia And The Pacific
- EDB440 Independent Study
- Health And Physical Education
- HMB376 Motor Development In Children
- HMB333 Child And Adolescent Health
- HMB315 Performance Skills 2
- EDB440 Independent Study

**Visual And Performing Arts**

Three units from one of the selected Arts discipline area: Music, Visual Arts, Drama or Dance

Students must satisfy any specific entry requirements for Arts units.

The fourth unit may be taken from any of these areas.

Dance

- KDB117 Dance In Education
- KDB125 Deconstructing Dance In History
- KDB106 The Analysis Of Modern Dance
- KDB176 Popular Dance Styles
- KDB114 Australian Dance

Drama

- KTB208 Elements Of Drama
- KTB214 Process Drama
- KTB251 20th Century Stages
- KTB253 Staging Australia
- KSB259 The Performance Instrument: Body And Voice
- KTB271 Studies In Directing
- KTB275 Understanding Performance
- KSB278 Technical Theatre

Music

- KMB649 Introductory Musicianship
- KMB619 Music And Sound Technology
- KMB650 Introductory Ensemble
- KMB631 World Music
- KMB639 Music Directing
- KMB640 Sex Drugs Rock N Roll

Visual Arts

- KVB447 Drawing
- KVB507 Painting
- KVB457 Sculpture
- KVB503 Clay Materials
- KVB509 Photographic Media
- KVB702 Australian And Indigenous Art

Science

- MDB389 Life And Living Processes
- MDB390 Natural And Processed Materials
- MDB391 Earth And Space
- EDB440 Independent Study

**Technology**

- MDB392 Educational Computing Environments
- MDB393 Networked Communities
- MDB397 Multimedia
- EDB440 Independent Study
- Students in Primary or Early Childhood programs can also select from discipline electives offered in the Secondary program eg HPE, Visual and Performing Arts or Science.

**List 2 : Languages Other Than English (LOTE) Units**

See Bachelor of Education (Primary) (ED51) for list.

**■ Bachelor of Education (Primary) - Graduate Course (ED56)**

**Award title:** Bachelor of Education

**CRICOS code:** 031572G

**Location:** Kelvin Grove

**Course duration (full-time):** 2 years; 1.5 years Summer Program Option

**Course duration (part-time):** 4 years; 3 years Summer Program Option

**Course duration (external):** 2 years full-time or 4 years part-time; 1.5 years full-time or 3 years part-time Summer Program Option

**Total credit points:** 192

**Course coordinator:** Dr Annah Healy

**General Entry Requirements**

To be eligible for consideration, applicants:

- (i) must have a completed undergraduate discipline degree from a recognised tertiary institution. The GPA cut-off for 2003 will be 4.5 (applications in the 4.0-4.5 range will be considered, subject to quota); and
- (ii) must have proficiency in English as determined by University requirements.

NOTE: Students based overseas should note that a proportion of the practicum requirements for this course will need to be completed in a Queensland school if registration with the Queensland Board of Teacher Registration is required.

As required by Queensland's Child Protection Act, students must undergo national criminal checks (which must be renewed every two years) prior to undertaking field experience. Applicants for teacher registration in Queensland are subject to national criminal history checks.

**Full-time: Internal/External Course Structure**

**Semester 1 (Full-time Course Structure)**

EDB001 Teaching and Learning Studies 1: Teaching in New Times  
 MDB450 Primary Mathematics Curriculum  
 EDB430 Primary Professional Practice 1: Classroom Management  
 CLB376 Studies Of Society And Environment Curriculum

**Semester 2 (Full-time Course Structure)**

SPB001 Human Development And Education  
 CLB454 Language And Literacy Curriculum  
 MDB383 Using Technology In The Curriculum  
 EDB431 Primary Professional Practice 2: Curriculum Decision Making

**Semester 3 (Full-time Course Structure)**

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 Programming and Assessment in Language and Mathematics should contact the Student Affairs office on 3864 3947. Primary LOTE Curriculum Studies is only offered internally in semester two.

SPB002 Psychology Of Learning And Teaching  
 EDB432 Primary Professional Practice 3: The Inclusive Curriculum  
 HMB307 Health And Physical Education Curriculum (Primary)  
 CLB413 Programming And Assessment In Language And Mathematics

**Semester 4 (Full-time Course Structure)**

CLB306 Understanding Educational Practices  
 MDB384 Science Education  
 KKB914 Visual And Performing Arts Curriculum 1  
 EDB433 Primary Professional Practice 4: Beginning Teaching

**Full-time: Internal/External Accelerated Course Structure**

**Year 1, Semester 1**

EDB001 Teaching and Learning Studies 1: Teaching in New Times  
 MDB450 Primary Mathematics Curriculum  
 EDB430 Primary Professional Practice 1: Classroom Management  
 CLB376 Studies Of Society And Environment Curriculum

**Year 1, Semester 2**

KKB914 Visual And Performing Arts Curriculum 1  
 CLB454 Language And Literacy Curriculum  
 MDB383 Using Technology In The Curriculum  
 EDB431 Primary Professional Practice 2: Curriculum Decision Making

**Year 1, Semester 3 (Summer Program)**

SPB001 Human Development And Education  
 EDB432 Primary Professional Practice 3: The Inclusive Curriculum  
 MDB384 Science Education  
 CLB306 Understanding Educational Practices

**Year 2, Semester 1**

EDB433 Primary Professional Practice 4: Beginning Teaching  
 SPB002 Psychology Of Learning And Teaching  
 HMB307 Health And Physical Education Curriculum (Primary)  
 CLB413 Programming And Assessment In Language And Mathematics

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 Programming and Assessment in Language and Mathematics should contact the Student Affairs office on 3864 3947. Primary LOTE Curriculum Studies is only offered internally in semester two.

**Part-time: Internal/External Course Structure**

**Year 1, Semester 1**

MDB450 Primary Mathematics Curriculum  
 EDB001 Teaching and Learning Studies 1: Teaching in New Times

**Year 1, Semester 2**

SPB001 Human Development And Education  
 MDB383 Using Technology In The Curriculum

**Year 2, Semester 1**

CLB376 Studies Of Society And Environment Curriculum  
 EDB430 Primary Professional Practice 1: Classroom Management

**Year 2, Semester 2**

CLB454 Language And Literacy Curriculum  
 EDB431 Primary Professional Practice 2: Curriculum Decision Making

**Year 3, Semester 1**

HMB307 Health And Physical Education Curriculum (Primary)  
 SPB002 Psychology Of Learning And Teaching

**Year 3, Semester 2**

CLB306 Understanding Educational Practices  
 MDB384 Science Education

**Year 4, Semester 1**

EDB432 Primary Professional Practice 3: The Inclusive Curriculum  
 CLB413 Programming And Assessment In Language And Mathematics

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 Programming and Assessment in Language and Mathematics should contact the Student Affairs office on 3864 3947. Primary LOTE Curriculum Studies is only offered internally in semester two.

**Year 4, Semester 2**

KKB914 Visual And Performing Arts Curriculum 1  
 EDB433 Primary Professional Practice 4: Beginning Teaching

**Part-time: Internal/ External Accelerated Course Structure**

**Year 1, Semester 1**

MDB450 Primary Mathematics Curriculum  
 EDB001 Teaching and Learning Studies 1: Teaching in New Times

**Year 1, Semester 2**

CLB454 Language And Literacy Curriculum  
 MDB383 Using Technology In The Curriculum

**Year 1, Semester 3 (Summer Program)**

CLB306 Understanding Educational Practices  
 CLB376 Studies Of Society And Environment Curriculum

**Year 2, Semester 1**

HMB307 Health And Physical Education Curriculum (Primary)  
 EDB430 Primary Professional Practice 1: Classroom Management

**Year 2, Semester 2**

SPB001 Human Development And Education  
 EDB431 Primary Professional Practice 2: Curriculum Decision Making

**Year 2, Semester 3 (Summer Program)**

SPB002 Psychology Of Learning And Teaching  
 MDB384 Science Education

**Year 3, Semester 1**

EDB432 Primary Professional Practice 3: The Inclusive Curriculum  
 CLB413 Programming And Assessment In Language And Mathematics

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 Programming and Assessment in Language and Mathematics should contact the Student Affairs office on 3864 3947.

Primary LOTE Curriculum Studies is only offered internally in semester two.

**Year 3, Semester 2**

KKB914 Visual And Performing Arts Curriculum 1

EDB433 Primary Professional Practice 4: Beginning Teaching

**■ Bachelor of Education (Secondary) (ED50)**

**Award title:** Bachelor of Education

**Location:** Gardens Point, Kelvin Grove and Carseldine

**Course duration (full-time):** 4 years

**Course coordinator:** Dr John Whitta

**Course Requirements**

Undergraduate-entry students complete 192 credit points of professional studies and 192 credit points of discipline studies.

**Optional Pathways**

A Middle Years Pathway and Research Pathway are available.

**Middle Years Pathway**

The Middle Years Pathway enables students to gain expertise in middle years schooling. The option involves choosing four units in the final semester including a practicum in the middle years setting (subject to Grade Point Average of 5 or above).

**Research Pathway**

Students with a Grade Point Average of 5.5 or above before the commencement of Year 3, may be invited to undertake the Research Pathway Option. This option is designed to meet the needs of students wishing to undertake research-based higher degree study in the course of their future career. The pathway is designed to develop research skills and a research-oriented, reflective approach to teaching.

**Early Exit**

Students have the option to exit the course early with a three-year Bachelor of General Studies (Education). Students wishing to take up this option should apply in writing to the course administration officer on nearing completion of the sixth semester of study, requesting that they be transferred to the Bachelor of General Studies (Education) ED45 course. Graduates of this degree are not eligible for teacher registration in Queensland.

To meet the requirements of the Bachelor of General Studies (Education) students will have successfully completed 288 credit points of study comprising:

- 96 credit points of professional studies in education including at least 48 credit points of advanced level units. (In the B Ed (Secondary) program all professional studies in education units except CLB305 Education in Context, CLB341 Language Technology and Education, SPB001 Human Development and Education, and EDB450 Secondary Professional Practice 1: Classroom Management are deemed to be advanced level units.);
- 96 credit points taken from the Discipline/Content Studies in the B Ed (Secondary) which must include a minimum of 72 credit points in the one discipline area. A minimum of 48 credit points of these Discipline/Content Studies must be undertaken at the advanced level: and
- 96 credit points from a combination of the above or, in consultation with the Associate Course Coordinator, from other courses across the university subject to course rules.

**Entry into Course Streams**

**1. Business Education; English and Film and Media Studies; LOTE; Science/Mathematics/Computing; Social Science**

- Accounting/Business Management
- Business Communication & Technologies
- Economics
- Legal Studies
- English
- Film and Media Studies

- French
- German
- Indonesian
- Japanese
- Chemistry
- Computing
- Earth Science
- Mathematics
- Physics
- Science Studies
- Geography
- History
- Social Science

**2. Home Economics**

- Home Economics

**3. Physical Education**

- Physical Education

Studies are also available in Health Education and English as a Second Language (ESL)

Refer to Course Structures for details of the Diploma of Business (Administration)/Bachelor of Education (Secondary) (ED50) - Double TAFE/QUT Award.

**Discipline Studies**

Undergraduate-entry students are required to take 192 credit points of Discipline Studies units, specialising in two teaching areas appropriate to Years 8 - 12 in Queensland. Students must complete at least 96 credit points in one teaching area and will normally complete at least 72 credit points in their other teaching area (Groups X and Y). The remaining 24 credit points may be added to the 72, added to the 96, or used for personal development in a third area.

In certain circumstances, permission may be given to complete 48 credit points in a non-discipline area. Students undertaking this option will complete 96 credit points in one of their two teaching areas and 48 credit points in their other teaching area. An additional 48 credit points may then be selected in a non-teaching area.

Note: The above mentioned option is not available in all teaching areas. Approval from the course coordinator is required. Students wishing to explore this option should consult with the associate course coordinator (Secondary). Hence, the combinations available include the following:

- (a) Teaching area 1: 120 credit points  
Teaching area 2: 72 credit points
- (b) Teaching area 1: 96 credit points  
Teaching area 2: 96 credit points
- (c) Teaching area 1: 96 credit points  
Teaching area 2: 72 credit points  
Liberal Studies (Group Z): 24 credit points
- (d) Teaching area 1: 96 credit points\*  
Teaching area 2: 48 credit points  
Non-teaching area: 48 credit points

\*Option (d) is available only by request and in a restricted number of teaching areas.

The teaching areas are divided into Group X and Group Y as shown in the Course Structure. Students may also select up to 24 credit points from units in Group Z. Students should note that not all faculties offer units for elective studies in the Bachelor of Education (Preservice).

**Accounting/Business Management (X/Y)**

Minor: 72 credit points - consisting of 48 credit points of level one and the remainder (24 credit points) of advanced units.

Major: 96 credit points - consisting of 48 credit points of level one and the remainder (48 credit points) of advanced units.

Extended Major: 120 credit points - consisting of 48 credit points of level one and the remainder (72 credit points) of advanced units.

**Biology (Y)**

Minor: 72 credit points - consisting of 24 credit points of selected level one units, a 12 credit point Science, Technology and Society unit, and 36 credit points of selected advanced biology units.

Major: 96 credit points - as for the minor with the remaining 24 credit points in advanced biology units.

Extended Major: 120 credit points - as for the major with the remaining 24 credit points in advanced biology units.

**Business Communication and Technologies (X)**

Minor: 72 credit points - consisting of 48 credit points of level one and the remainder (24 credit points) of advanced units.

Major: 96 credit points - consisting of 48 credit points of level one and the remainder (48 credit points) of advanced units.

Extended Major: 120 credit points - consisting of 48 credit points of level one and the remainder (72 credit points) of advanced units.

**Chemistry (Y)**

Minor: 72 credit points - consisting of 24 credit points of selected level one units, a 12 credit point Science, Technology and Society unit, and 36 credit points of selected advanced chemistry units.

Major: 96 credit points - as for the minor with the remaining 24 credit points in advanced chemistry units.

Extended Major: 120 credit points - as for the major with the remaining 24 credit points in advanced chemistry units.

**Computing (X)**

Minor: 72 credit points - consisting of 48 credit points of level one and the remainder (24 credit points) of advanced units.

Major: 96 credit points - consisting of 48 credit points of level one and the remainder (48 credit points) of advanced units.

Extended Major: 120 credit points - consisting of 48 credit points of level one and the remainder (72 credit points) of advanced units.

**Earth Science (Y)**

Minor: 72 credit points - consisting of 36 credit points of selected level one units, a 12 credit point Science, Technology and Society unit, and 24 credit points of selected advanced earth science units.

Major: 96 credit points - as for the minor with the remaining 24 credit points in advanced earth science units.

Extended Major: 120 credit points - as for the major with the remaining 24 credit points in advanced earth science units.

**Economics (Y)**

Minor: 72 credit points - consisting of 36 credit points of level one and the remainder (36 credit points) of advanced units.

Major: 96 credit points - consisting of 36 credit points of level one and the remainder (60 credit points) of advanced units.

Extended Major: 120 credit points - consisting of 36 credit points of level one and the remainder (84 credit points) of advanced units.

**English (X/Y)**

Minor: 72 credit points - consisting of 48 credit points of level one and the remainder (24 credit points) of advanced units.

Major: 96 credit points - consisting of 48 credit points of level one and the remainder (48 credit points) of advanced units.

Extended Major: 120 credit points - consisting of 48 credit points of level one and the remainder (72 credit points) of advanced units.

**English as a Second Language (X)**

Minor: 72 credit points - consisting of 72 credit points of language and culture units or English units or LOTE units. (This area can only be undertaken if English or LOTE is the first teaching area.)

**Film and Media (Y)**

Minor: 72 credit points - consisting of 36 credit points of level one and the remainder (36 credit points) of advanced units.

Major: 96 credit points - consisting of 36 credit points of level one and the remainder (60 credit points) of advanced units.

Extended Major: 120 credit points - consisting of 36 credit points of level one and the remainder (84 credit points) of advanced units.

**Geography (Y)**

Minor: 72 credit points - consisting of 36 credit points of level one and the remainder (36 credit points) of advanced units.

Major: 96 credit points - consisting of 36 credit points of level one and the remainder (60 credit points) of advanced units.

Extended Major: 120 credit points - consisting of 36 credit points of level one and the remainder (84 credit points) of advanced units.

**History (Y)**

Minor: 72 credit points

Major: 96 credit points

Students intending to teach in secondary schools are strongly encouraged to select at least one unit from each of the following broad areas: Ancient History; Asia/Pacific History; Australian History; European History.

**Home Economics (X)**

Minor: 72 credit points - consisting of 72 credit points of level one units.

Major: 96 credit points - consisting of 72 credit points of level one and the remainder (24 credit points) of advanced units.

Extended Major: 120 credit points - consisting of 72 credit points of level one and the remainder (48 credit points) of advanced units.

**Legal Studies (Y)**

Minor: 72 credit points - consisting of 48 credit points of level one and the remainder (24 credit points) of advanced units.

Major: 96 credit points - consisting of 48 credit points of level one and the remainder (48 credit points) of advanced units.

Extended Major: 120 credit points - consisting of 48 credit points of level one and the remainder (72 credit points) of advanced units.

**LOTE (Y)**

(Indonesian, Japanese, German and French)

Students wishing to undertake studies in French, German, Indonesian or Japanese are required to select a specified sequence of six units (72 credit points).

**Mathematics (X/Y)**

Minor: 72 credit points - consisting of 24 credit points in foundation mathematics, 12 credit points in each of the areas of statistics and other Mathematical topics and an additional 24 credit points as recommended.

Major: 96 credit points - as for the minor program plus an additional 24 credit points as recommended.

Extended Major: 120 credit points - as for the major program plus an additional 24 credit points in advanced mathematics units.

**Physical Education (X)**

Minor: 72 credit points - consisting of 48 credit points of level one and the remainder (24 credit points) of advanced units.

Major: 96 credit points - consisting of 48 credit points of level one and the remainder (48 credit points) of advanced units.

Extended Major: 120 credit points - consisting of 48 credit points of level one and the remainder (72 credit points) of advanced units.

**Physics (Y)**

Minor: 72 credit points - consisting of 36 credit points of selected level one units, a 12 credit point Science, Technology and Society unit, and 24 credit points of selected advanced physics units.

Major: 96 credit points - as for the minor with the remaining 24 credit points in advanced physics units.

Extended Major: 120 credit points - as for the major with the remaining 24 credit points in advanced physics units.

**Science Studies (X)**

Minor: 72 credit points - consisting of 72 credit points of selected level one units.

Major: 96 credit points - as for the minor with the remaining 24 credit points in advanced science units.

Extended Major: 120 credit points - as for the major with the remaining 24 credit points in advanced science units.

**Social Science (X)**

Minor: 72 credit points

Major: 96 credit points

Students intending to teach Social Science in secondary schools are strongly encouraged to select at least two units from each of Geography and Environmental Studies and History areas. The remaining units may be selected from these two areas or from any of the following areas: Indigenous Studies; International and Global Studies; Political Studies; Sociology; Ethics; and Gender Studies.

**Course structure**

**Possible Combinations Of Subject Areas**

\*\*\* GROUP X \*\*\*

- Accounting/Business Management
- Business Communication and Technologies
- Computing
- English
- English as a Second Language (ESL)+
- Home Economics
- Mathematics
- Physical Education
- Science Studies
- Social Studies

+ English as a Second Language(ESL) can only be taken as a second teaching area if studying English or LOTE as a first teaching area.

\*\*\* GROUP Y \*\*\*

- Accounting/Business Management
- Biology
- Business Communication and Technologies
- Chemistry
- Earth Science
- Economics
- English
- Film and Media Studies (subject to quota)
- French
- Geography
- German
- Health Education
- History
- Indonesian
- Japanese
- Legal Studies
- Mathematics
- Physics

Note: Where the same subject area is listed in both Groups X and Y eg English, it may only be selected once.

There may be limited places in some disciplines as a second teaching area.

Students selecting Science Studies or Physical Education are encouraged to complete at least 96 credit points in these areas.

Under certain conditions students may be allowed to complete all of their discipline studies within the one area.

Some subjects are taught at Gardens Point and Carseldine campuses and timetable incompatibilities may exist with subjects taught at Kelvin Grove. Students wishing to take biology, chemistry, earth science, or physics with subject areas other than mathematics or science studies should check for possible timetable difficulties.

**Year 1, Semester 1**

- 2 x Discipline Studies X Unit
- 2 x Discipline Studies Y Unit

**Year 1, Semester 2**

- CLB305 Education In Context
- SPB001 Human Development And Education
- Discipline Studies X Unit
- Discipline Studies Y Unit

**Year 2, Semester 1**

- CLB341 Language, Technology And Education
- EDB450 Secondary Professional Practice 1: Classroom Management
- Discipline Studies X Unit
- Discipline Studies Y Unit

**Year 2, Semester 2**

- 2 x Discipline Studies X Units
- 2 x Discipline Studies Y Units

**Year 3, Semester 1**

- 2 x Discipline Studies X or Y Units
- 2 x Discipline Studies X, Y or Z Units

**Year 3, Semester 2**

- SPB002 Psychology Of Learning And Teaching
- EDB451 Secondary Professional Practice 2: Curriculum Decision Making
- Curriculum Studies 1X (see List 2)
- Curriculum Studies 1Y (see List 2)

**Year 4, Semester 1**

- CLB306 Understanding Educational Practices
- EDB452 Secondary Professional Practice 3: The Inclusive Curriculum
- Curriculum Studies 2X (see List 2)
- Curriculum Studies 2Y (see List 2)

**Year 4, Semester 2**

- Education Studies Elective (see List 3)
- Education Studies Elective (see List 3)
- EDB453 Secondary Professional Practice 4: The Beginning Teacher
- Curriculum Studies Elective (see List 4)

**Middle Years Pathway**

**Year 4, Semester 2**

- SPB008 The Middle Years Of Schooling
- SPB022 The Middle Years Curriculum
- EDB453 Secondary Professional Practice 4: The Beginning Teacher
- EDB443 Professional Internship Of Associate Teaching

**Research Pathway**

**Year 3, Semester 1**

- 3 x Discipline Studies (X/Y/Z)
- SPB002 Psychology Of Learning And Teaching

**Year 3, Semester 2**

- EDB410 Introduction To Research Methods In Education
- EDB451 Secondary Professional Practice 2: Curriculum Decision Making
- Curriculum Studies 1X (See List 2)
- Curriculum Studies 1Y (See List 2)

**Year 4, Semester 1**

- EDB411 Dissertation
- EDB452 Secondary Professional Practice 3: The Inclusive Curriculum
- Curriculum Studies 2X (See List 2)
- Curriculum Studies 2Y (See List 2)

**Year 4, Semester 2**

- CLB306 Understanding Educational Practices
- EDB411 Dissertation
- EDB453 Secondary Professional Practice 4: The Beginning Teacher
- EDB411 Dissertation is a 36 credit point unit.
- Part 1 will be completed in Yr 4, Semester 1 and Parts 2 and 3 in Yr 4, Semester 2.

**List 2: Curriculum Studies Units**

Students complete one set of Curriculum Studies units for each of two teaching areas.

- HMB310 Physical Education Curriculum Studies 1
- HMB370 Physical Education Curriculum Studies 2
- HMB390 Health Education Curriculum Studies 1



HMB395	Health Education Curriculum Studies 2
CLB325	English Curriculum Studies 1
CLB326	English Curriculum Studies 2
CLB327	Film And Media Curriculum Studies 1
CLB328	Film And Media Curriculum Studies 2
CLB329	LOTE Curriculum Studies 1
CLB330	LOTE Curriculum Studies 2
CLB447	English As A Second Language Curriculum Studies 1
CLB448	English As A Second Language Curriculum Studies 2
CLB355	Accounting/business Management Curriculum Studies 1
CLB356	Accounting/business Management Curriculum Studies 2
CLB357	Business Communications And Technologies Curriculum Studies 1
CLB358	Business Communications And Technologies Curriculum Studies 2
CLB359	Economics Curriculum Studies 1
CLB360	Economics Curriculum Studies 2
CLB361	Geography Curriculum Studies 1
CLB362	Geography Curriculum Studies 2
CLB363	History Curriculum Studies 1
CLB364	History Curriculum Studies 2
CLB365	Legal Studies Curriculum Studies 1
CLB366	Legal Studies Curriculum Studies 2
CLB367	Social Science Curriculum Studies 1
CLB368	Social Science Curriculum Studies 2
MDB325	Biology Curriculum Studies 1
MDB326	Biology Curriculum Studies 2
MDB327	Chemistry Curriculum Studies 1
MDB328	Chemistry Curriculum Studies 2
MDB329	Computing Curriculum Studies 1
MDB330	Computing Curriculum Studies 2
MDB331	Earth Science Curriculum Studies 1
MDB332	Earth Science Curriculum Studies 2
MDB333	Mathematics Curriculum Studies 1
MDB334	Mathematics Curriculum Studies 2: Senior Mathematics
MDB335	Physics Curriculum Studies 1
MDB336	Physics Curriculum Studies 2
MDB337	Science Curriculum Studies 1
MDB338	Science Curriculum Studies 2
PUB312	Home Economics Curriculum Studies 1
PUB322	Home Economics Curriculum Studies 2

**Education Studies Elective Units**

**List 3**

CLB301	Powerful Teachers, Powerful Students
CLB302	Identifying And Responding To Student Difference
CLB346	Case Studies In Adult And Family Literacy
CLB347	Teaching Students From Non-English Speaking Backgrounds
CLB401	Cultural Diversity And Education
CLB402	Issues In Indigenous Education
CLB403	Gender And Sexuality Issues For Teachers
EAB423	Museums: Places Of Learning
EDB440	Independent Study
EDB443	Professional Internship Of Associate Teaching
MDB300	Teaching In The Information Age
MDB381	Science And Technology In The Community And Workplace
SPB003	Teaching Children With Low Incidence Disabilities And Health Problems
SPB004	Teaching Exceptional Students
SPB006	Educational Counselling
SPB007	Human Sexuality And Learning
SPB008	The Middle Years Of Schooling
SPB009	Research Methods In Education
SPB010	Education Law And The Beginning Teacher
SPB011	Learning/teaching Environments
SPB012	Classroom And Behaviour Management
SPB017	Classroom Management: Models And Practice
SPB018	Teaching Strategies
SPB019	Introduction To Educational Administration
SPB020	Classroom Assessment Practices

**Curriculum Studies Electives**

**List 4**

CLB334	Primary LOTE Curriculum Studies
CLB374	Studies Of Society And Environment
CLB377	Business Education Studies
CLB411	Introduction To Production Practice in Film and Media Curriculum
CLB412	Advanced Studies In English, Esl Curriculum

CLB443	Trends In The Teaching Of Reading
CLB453	New Literacies And Technologies Across The Curriculum
EDB440	Independent Study
MDB395	Marine Studies Curriculum
MDB414	Learning Environments Using Information Technology
MDB529	Diagnostic Assessment And Remedial Intervention In Mathematics
SPB013	Progressive Strategies For General And Vocational Education
SPB014	Advanced Skills Of Effective Learning And Teaching
SPB016	Teachers And The Curriculum
SPB022	The Middle Years Curriculum
HMB342	The Development Of Teaching Skills In Primary Physical Education
MDB453	Mathematics for Schools

**Diploma of Business(Administration)/Bachelor of Education(Secondary) (ED50) - Double TAFE/QUT Award.**

**Option 1**

First Teaching area: Accounting/Business Management  
Second Teaching area: Business Communication and Technologies

**Year 1, Semester 1**

BSB112	Introduction To Electronic Commerce TAFE: Diploma Stage 1
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**Year 1, Semester 2**

BSB110	Accounting
BSB117	Professional Communication And Negotiation TAFE: Diploma Stage 2

**Year 2, Semester 1**

BSB115	Management, People And Organisations
AYB121	Financial Accounting TAFE: Diploma Stage 3

**Year 2, Semester 2**

CLB305	Education In Context
SPB001	Human Development And Education
BSB114	Government, Business And Society
AYB221	Computerised Accounting Systems

**Year 3, Semester 1**

EDB450	Secondary Professional Practice 1: Classroom Management
CLB341	Language, Technology And Education
AYB225	Management Accounting Accounting/Business Management teaching area unit

**Year 3, Semester 2**

SPB002	Psychology Of Learning And Teaching
EDB451	Secondary Professional Practice 2: Curriculum Decision Making

CLB355	Accounting/business Management Curriculum Studies 1
CLB357	Business Communications And Technologies Curriculum Studies 1

**Year 4, Semester 1**

CLB306	Understanding Educational Practices
EDB452	Secondary Professional Practice 3: The Inclusive Curriculum
CLB356	Accounting/business Management Curriculum Studies 2
CLB358	Business Communications And Technologies Curriculum Studies 2

**Year 4, Semester 2**

	Education Studies Elective (List 3)
	Education Studies Elective (List 3)
EDB453	Secondary Professional Practice 4: The Beginning Teacher Curriculum Studies Elective (List 4)

**Option 2**

First Teaching area: Business Communication and Technologies  
Second Teaching area: Accounting/Business Management  
As for Option 1 with the exception of:

**Year 2, Semester 2**

CLB305	Education In Context
SPB001	Human Development And Education
AYB221	Computerised Accounting Systems Plus
AYB225	Management Accounting OR
BSB114	Government, Business And Society

**Year 3, Semester 1**

EDB450	Secondary Professional Practice 1: Classroom Management
CLB341	Language, Technology And Education
BSB116	Marketing And International Business
CLB003	Office Procedures

**Credit Arrangements**

On successful completion of the TAFE Diploma students will receive exemption for 84 credit points towards the Bachelor of Education (Secondary) ED50.

## ■ Bachelor of Education (Secondary) - Graduate Course (ED55)

**Award title:** Bachelor of Education

**CRICOS code:** 031572G

**Location:** Kelvin Grove

**Course duration (full-time):** 2 years; 1.5 years Summer Program Option

**Course duration (part-time):** 4 years; 3 years Summer Program Option

**Course duration (external):** 2 years full-time or 4 years part-time; 1.5 years full-time or 3 years part-time Summer Program Option

**Total credit points:** 192

**Course coordinator:** Dr Doug Stewart

### General Entry Requirements

To be eligible for consideration, applicants:

- (i) must have a completed undergraduate discipline degree from a recognised tertiary institution. The GPA cut-off for 2003 will be 4.5 (applications in the 4.0-4.5 range will be considered, subject to quota); and
- (ii) students must have completed at least one third of their undergraduate degree in their first teaching area and one sixth in their second teaching area. For some teaching areas, interview audition or presentation of folio may be required (eg. LOTE, Primary LOTE, Drama, Dance, Music, Visual Arts); and
- (iii) must have proficiency in English as determined by University requirements.

NOTE: Students based overseas should note that a proportion of the practicum requirements for this course will need to be completed in a Queensland school if registration with the Queensland Board of Teacher Registration is required.

As required by Queensland's Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience. Applicants for registration as a teacher in Queensland are also subject to national criminal history checks.

### External Workshops

External students may be required to attend occasional workshops in nearby major regional centres during their course.

### Full-time Internal/External Course Structure

#### Semester 1 (Full-time Course Structure)

SPB001	Human Development And Education
EDB450	Secondary Professional Practice 1: Classroom Management
CLB341	Language, Technology And Education
EDB001	Teaching and Learning Studies 1: Teaching in New Times

#### Semester 2 (Full-time Course Structure)

SPB002	Psychology Of Learning And Teaching
EDB451	Secondary Professional Practice 2: Curriculum Decision Making
	Curriculum Studies 1X (See List 1)
	Curriculum Studies 1Y (See List 1)

#### Semester 3 (Full-time Course Structure)

CLB306	Understanding Educational Practices
EDB452	Secondary Professional Practice 3: The Inclusive Curriculum
	Curriculum Studies 2X (See List 2)
	Curriculum Studies 2Y (See List 2)

#### Semester 4 (Full-time Course Structure)

EDB453	Secondary Professional Practice 4: The Beginning Teacher
	Education Studies Elective (List 3)
	Education Studies Elective (List 3)
	Curriculum Elective (List 4)

### Full-time Internal/External Accelerated Structure

#### Year 1, Semester 1

SPB001	Human Development And Education
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EDB450	Secondary Professional Practice 1: Classroom Management
CLB341	Language, Technology And Education
EDB001	Teaching and Learning Studies 1: Teaching in New Times

#### Year 1, Semester 2

SPB002	Psychology Of Learning And Teaching
EDB451	Secondary Professional Practice 2: Curriculum Decision Making
	Curriculum Studies 1X (See List 1)
	Curriculum Studies 1Y (See List 1)

#### Year 1, Semester 3 (Summer Program)

	Education Studies Elective (List 3)
	Education Studies Elective (List 3)
	Curriculum Elective (List 4)

EDB452	Secondary Professional Practice 3: The Inclusive Curriculum
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#### Year 2, Semester 1

CLB306	Understanding Educational Practices
EDB453	Secondary Professional Practice 4: The Beginning Teacher
	Curriculum Studies 2X (List 2)
	Curriculum Studies 2Y (List 2)

### Part-time Internal/External Course structure

#### Year 1, Semester 1

SPB001	Human Development And Education
CLB341	Language, Technology And Education

#### Year 1, Semester 2

SPB002	Psychology Of Learning And Teaching
	Curriculum Studies 1X (List 1)

#### Year 2, Semester 1

EDB450	Secondary Professional Practice 1: Classroom Management
EDB001	Teaching and Learning Studies 1: Teaching in New Times

#### Year 2, Semester 2

EDB451	Secondary Professional Practice 2: Curriculum Decision Making
	Curriculum Studies 1Y (List 1)

#### Year 3, Semester 1

CLB306	Understanding Educational Practices
	Curriculum Studies 2X (List 2)

#### Year 3, Semester 2

	Education Studies Elective (List 3)
	Education Studies Elective (List 3)

#### Year 4, Semester 1

EDB452	Secondary Professional Practice 3: The Inclusive Curriculum
	Curriculum Studies 2Y (List 2)

#### Year 4, Semester 2

EDB453	Secondary Professional Practice 4: The Beginning Teacher
	Curriculum Elective (List 4)

### Part-time Internal/External Accelerated Course Structure

#### Year 1, Semester 1

CLB341	Language, Technology And Education
EDB001	Teaching and Learning Studies 1: Teaching in New Times

#### Year 1, Semester 2

SPB001	Human Development And Education
	Curriculum Studies 1X (List 1)

#### Year 1, Semester 3 (Summer Program)

CLB306	Understanding Educational Practices
	Education Studies Elective

#### Year 2, Semester 1

EDB450	Secondary Professional Practice 1: Classroom Management
	Curriculum Studies 2X (List 2)

#### Year 2, Semester 2

EDB451	Secondary Professional Practice 2: Curriculum Decision Making
	Curriculum Studies 1Y (List 1)

#### Year 2, Semester 3 (Summer Program)

SPB002	Psychology Of Learning And Teaching
	Curriculum Elective (List 4)

#### Year 3, Semester 1

EDB452	Secondary Professional Practice 3: The Inclusive Curriculum
	Curriculum Studies 2Y (List 2)

#### Year 3, Semester 2

EDB453	Secondary Professional Practice 4: The Beginning Teacher
	Education Studies Elective (List 3)

### ED19/55 Curriculum Studies 1

#### List 1: Curriculum Studies 1

CLB355	Accounting/business Management Curriculum Studies 1
KVB412	Art Curriculum Studies 1

MDB325	Biology Curriculum Studies 1
CLB357	Business Communications And Technologies Curriculum Studies 1
MDB327	Chemistry Curriculum Studies 1
MDB329	Computing Curriculum Studies 1
KDB421	Dance Curriculum Studies 1
KTB414	Drama Curriculum Studies 1
MDB331	Earth Science Curriculum Studies 1
CLB359	Economics Curriculum Studies 1
CLB325	English Curriculum Studies 1
CLB447	English As A Second Language Curriculum Studies 1
CLB327	Film And Media Curriculum Studies 1
CLB361	Geography Curriculum Studies 1
HMB390	Health Education Curriculum Studies 1
CLB363	History Curriculum Studies 1
PUB312	Home Economics Curriculum Studies 1
CLB365	Legal Studies Curriculum Studies 1
CLB329	LOTE Curriculum Studies 1
MDB333	Mathematics Curriculum Studies 1
KMP423	Music Curriculum Studies 1
KMP434	Music Curriculum Studies 1A
HMB310	Physical Education Curriculum Studies 1
MDB335	Physics Curriculum Studies 1
CLB449	Primary LOTE Curriculum Studies 1
MDB337	Science Curriculum Studies 1
CLB367	Social Science Curriculum Studies 1

### ED19/55 Curriculum Studies 2

#### List 2: Curriculum Studies 2

CLB356	Accounting/business Management Curriculum Studies 2
KVB413	Art Curriculum Studies 2
MDB326	Biology Curriculum Studies 2
CLB358	Business Communications And Technologies Curriculum Studies 2
MDB328	Chemistry Curriculum Studies 2
MDB330	Computing Curriculum Studies 2
KDB429	Dance Curriculum Studies 2
KTB415	Drama Curriculum Studies 2
MDB332	Earth Science Curriculum Studies 2
CLB360	Economics Curriculum Studies 2
CLB326	English Curriculum Studies 2
CLB448	English As A Second Language Curriculum Studies 2
CLB328	Film And Media Curriculum Studies 2
CLB362	Geography Curriculum Studies 2
HMB395	Health Education Curriculum Studies 2
CLB364	History Curriculum Studies 2
PUB322	Home Economics Curriculum Studies 2
CLB366	Legal Studies Curriculum Studies 2
CLB330	LOTE Curriculum Studies 2
MDB334	Mathematics Curriculum Studies 2: Senior Mathematics
MDB452	Mathematics Curriculum Studies 2: Junior & Vocational Mathematics
KMP431	Music Curriculum Studies 2
KMP433	Music Curriculum Studies 2A
HMB370	Physical Education Curriculum Studies 2
MDB336	Physics Curriculum Studies 2
CLB450	Primary LOTE Curriculum Studies 2
MDB338	Science Curriculum Studies 2
CLB368	Social Science Curriculum Studies 2

### Education Studies Elective Units

#### List 3

CLB301	Powerful Teachers, Powerful Students
CLB302	Identifying And Responding To Student Difference
CLB346	Case Studies In Adult And Family Literacy
CLB347	Teaching Students From Non-English Speaking Backgrounds
CLB401	Cultural Diversity And Education
CLB402	Issues In Indigenous Education
CLB403	Gender And Sexuality Issues For Teachers
EAB423	Museums: Places Of Learning
EDB440	Independent Study
EDB443	Professional Internship Of Associate Teaching
MDB300	Teaching In The Information Age
MDB381	Science And Technology In The Community And Workplace
SPB003	Teaching Children With Low Incidence Disabilities And Health Problems
SPB004	Teaching Exceptional Students
SPB006	Educational Counselling
SPB007	Human Sexuality And Learning

SPB008	The Middle Years Of Schooling
SPB009	Research Methods In Education
SPB010	Education Law And The Beginning Teacher
SPB011	Learning/teaching Environments
SPB012	Classroom And Behaviour Management
SPB017	Classroom Management: Models And Practice
SPB018	Teaching Strategies
SPB019	Introduction To Educational Administration
SPB020	Classroom Assessment Practices

### Curriculum Studies Electives

#### List 4

CLB334	Primary LOTE Curriculum Studies
CLB374	Studies Of Society And Environment
CLB377	Business Education Studies
CLB411	Introduction to Production Practice in Film and Media Curriculum
CLB412	Advanced Studies In English, Esl Curriculum
CLB443	Trends In The Teaching Of Reading
CLB453	New Literacies And Technologies Across The Curriculum
EDB440	Independent Study
MDB395	Marine Studies Curriculum
MDB414	Learning Environments Using Information Technology
MDP529	Diagnostic Assessment And Remedial Intervention In Mathematics
SPB013	Progressive Strategies For General And Vocational Education
SPB014	Advanced Skills Of Effective Learning And Teaching
SPB016	Teachers And The Curriculum
SPB022	The Middle Years Curriculum
HMB342	The Development Of Teaching Skills In Primary Physical Education
MDB453	Mathematics for Schools

### ■ Bachelor of Education Studies (Primary TEFL) (ED47)

**Award title:** Bachelor of Education Studies (Primary TEFL)

**Course duration (full-time):** 4 years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Assoc Professor Bob Elliott

#### Course overview.

Only available to a specified cohort.

#### Course structure

Year 1 - IBPA

Year 2 - QUT

Year 3 - QUT

Year 4 - IBPA



# Section Three – Course Information

## Health

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■ Bachelor of Nursing - Graduate Entry (NS40) .....	245
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## OVERVIEW

The Faculty of Health is an industry leader educating professionals for a range of health related areas, conducts research and is actively engaged in continuing education and community service.

The Faculty has more than 3500 students enrolled in undergraduate and postgraduate programs. Undergraduate degree programs are delivered through five discipline-based schools of Human Movement Studies, Nursing, Optometry, Psychology and Counselling, and Public Health.

The **School of Human Movement Studies** is one of the fastest growing areas in health today. The School of Human Movement Studies offers programs that respond to the increasing community awareness of health, exercise, well-being, and fitness. A degree in Human Movement Studies equips graduates with the knowledge and skills for an active career in physical education, health education, rehabilitation, weight management, or exercise and sports science. The School has close links with the Queensland Reds and has formed a Centre for Rugby Studies to further develop and promote the sport of rugby. Postgraduate programs are offered in human movement studies (professional studies), and sports studies.

The **School of Nursing** is Queensland's largest and oldest provider of nursing education. Always at the cutting-edge of its field, the School offers the latest in clinical facilities and equipment, and a wide range of local, rural, and overseas opportunities for practical placements. Nursing graduates go on to work in a range of areas, including and beyond the traditional hospital ward. The School offers an undergraduate program in nursing, as well as specialised postgraduate programs.

The **School of Optometry** is the only optometry training facility in Queensland and one of three in Australia. As such, Optometry graduates are always in demand. The optometry degree prepares graduates for entry into the professional workforce and for Australia-wide registration. Students apply their knowledge through supervised clinical practice both in the School's purpose-built public optometry clinic and in the community. Postgraduate research programs are offered by the School at Masters and PhD level.

The **School of Psychology and Counselling** is located on QUT's spacious bushland campus at Carseldine. The School offers excellent teaching, technology and research facilities for its undergraduate and postgraduate courses. Programs provide graduates with the opportunity to gain practical qualifications that are well regarded in the community. The Bachelor of Psychology is a three-year degree program that will both prepare graduates for further studies in psychology, and offer excellent employment opportunities in a number of fields. Graduates aiming for professional registration may seek admission to a fourth year of study in either the Bachelor of Psychology (Honours) or the Post Graduate Diploma in Psychology. The school's postgraduate offerings include Masters in Counselling and Counselling Psychology, and Graduate Diplomas and Certificates in Hypnosis and Road Safety. These programs can also be undertaken at doctorate level.

The school has a Family and Counselling Clinic, which is open to the public, and a research centre in Road Safety and Accident Prevention. The school also teaches in programs offered by other academic areas such as Built Environment and Engineering, Business, Health and Science.

The **School of Public Health** is the most diverse of the Faculty's schools, offering undergraduate majors in areas such as health, safety and environment, environmental health, podiatry, nutrition and dietetics, health information management, health services management, emergency health services, and public health. A range of articulated postgraduate programs is also offered in a

number of these areas plus other special fields such as health promotion, risk management, and health science.

Faculty staff maintain excellent ties with the health industry and work closely with national and international health and welfare organisations. These industry ties ensure that the faculty's programs deliver relevant skills and respond rapidly to new and emerging needs in health education in an era of advancing health technology.

The **Faculty of Health** is primarily based at QUT's Kelvin Grove campus, with the School of Psychology and Counselling located at Carseldine campus in the northern suburbs of Brisbane. At Kelvin Grove campus, two purpose-built complexes house state-of-the-art facilities including

- teaching clinics for Podiatry, Optometry and Human Movement Studies (children's activity and weight management programs, balance and gait assessment, health and fitness appraisals, and exercise prescriptions)
- a Nursing clinical practice unit with operational hospital rooms and a clinical suite
- Human Movement laboratories for biomechanics, exercise physiology, motor control, and functional anatomy
- student computer laboratories with the latest in general and health-related software
- multimedia lecture theatres and tutorial rooms
- fully equipped research laboratories
- and an ergonomics laboratory.

At Carseldine, a Family Therapy and Counselling Clinic provides supervised clinical experience for Counselling students.

## SENIOR STAFF

### Faculty Office

*Dean:* Professor K. J. Bowman AM, MScOptom *Melb.*, LOsc, FAAO

*Faculty Administration Manager:* M. Rimland, BA *Qld Health Project Manager:* C. Cliff, BSc ANU, PhD *Keele*, CChem, DipEnvStud *Macq.*, GradDip OutdoorEd *BCAE*, GradDipBusAdmin

### School of Human Movement Studies

*Head:* Professor A.W. Parker, MSc PhD *Oregon*, FASMF  
*Associate Professor:* A.P. Hills, BEd *Tas.*, MSc *Oregon*, PhD *Qld*

### School of Nursing

*Head:* Professor H.E. Edwards, DipApSc., BA (Hons), PhD, RN, FRCNA

*Professors:*

M. Courtney, BAdmin(Acctg) *Griff.*, MHP *UNSW*, PhD *UNE*, RN, FRCNA

A. Chang, DipNEd, BEdSt(Hons), MEdSt, PLD, RN, FRCNA  
*Associate Professor:* P. Yates, DipAppSc *QIT*, MSocSc PhD *Qld*, FRCNA

### School of Optometry

*Head:* Professor L.G. Carney, BAppSc MSc(Optom) PhD *Melb.*, DSc *QUT*, LOsc, FAAO

*Associate Professors:*

D.A. Atchison, MSc(Optom) PhD *Melb.*, Grad Cert Ed, FAAO  
M. J. Collins, DipAppSc *QIT*, MAppSc, PhD, FAAO

J. E. Lovie-Kitchin, MSc(Optom) *Melb.*, GradDipRehab *LaT.*, LOsc, PhD, FAAO

P. G. Swann, BSc(Hons) *Aston*, MAppSc, FCOptom, FAAO  
J. M. Wood, BSc(Hons) PhD *Aston*, MCOptom, FAAO

### School of Psychology and Counselling

*Head:* Professor R. Young, BSc(Hons) MSc DipClinPsych *Otago*, PhD *Qld*, MAPS

*Professor: M. Sheehan, BA(Hons) GradDip(Clinical Psych) Syd., PhD Qld*

*Associate Professors:*

R. Schweitzer, BSocSc(Hons) UCT, MA (ClinPsy), PhD Rhodes  
R. Tay, BSc(Hons) Texas Tech, MSc Stanford, PhD Purdue

### **School of Public Health**

*Head: B.F. Oldenburg, BSc(Hons), MPsych PhD UNSW*

*Professor: B. Newman, BA UC Santa Cruz, MS UC Davis, PhD Berkeley*

*Associate Professors:*

C. Patterson, MSc, PhD Qld, GradDipBusAdmin QUT  
D. Stewart, BA(Hons) Durh, MA(Ed) Leic, PGCertEd Oxf., MPH UNSW, PhD Otago

## RESEARCH CENTRES

### **Centre for Health Research**

Research activities within the Faculty of Health are supported under the auspices of the Centre for Health Research. This large faculty centre encompasses research of national and international standing conducted through the previous Centres for Eye Research, Public Health Research, Nursing Research and the previous Research Concentration in Physical Activity and Disability. It also covers research undertaken through the Centre for Accident Research & Road Safety Queensland (CARRS-Q see detail below). These activities will continue in 2003 but will be embraced within the Centre for Health Research as part of five new collaborative research programs:

#### **Ageing**

Ageing has been identified as a global health and social issue. The capability of the Faculty in this program of research ranges across activities in all Schools, with considerable potential for increasing cross-disciplinary collaboration. On-going research covers the following areas: community and residential care, pain and symptom management, palliative care, ocular disease and the effects of vision impairment, foot health and healthcare, gait, mobility and posture analysis, disorders of movement, injury in older people, social identity, families, mental health, weight change, cognition and cognitive/memory deficits and in CARRS-Q, the older driver.

#### **Health, Well-being and Human Behaviour**

Research activities in this program relate to health services, policy and management, as well as population health and human behaviour. Areas of strength include the management of chronic diseases such as cancer, diabetes and coronary heart disease; improving the care of hospitalised patients and managing early discharge; health outcomes for disadvantaged populations; health promotion in schools; prevention and management of obesity and related conditions and other health related quality of life issues. Researchers from across the Faculty bring to this program knowledge and expertise in social and behavioural science, nursing, disease management and prevention, health promotion, health care systems and economics, epidemiology and biostatistics, and policy and health services management.

#### **Injury**

Injury is a major cause of morbidity and mortality and is a significant health priority nationally and internationally. The Faculty already is a major partner in two cross-institutional, cross-disciplinary NHMRC injury prevention research projects. One project is developing, trialling and evaluating cost effective and sustainable interventions for reducing falls among older people in the general community. The other is undertaking major studies in transport related injury, and in falls and mobility in older people. Related research investigates falls and balance, driving and ambulant mobility in people with Parkinson's disease. A major focus of research in this program is road and

driver safety which impact greatly on the burden of injury across all age groups. Another core focus is on occupational injury research which aims to match human performance capabilities with task analysis and job design. The research in this program involves collaboration across a number of disciplines within our five Schools and CARRS-Q.

#### **Physical Activity, Disability and Rehabilitation**

The role of physical activity in the maintenance and restoration of health is a significant emerging area. Studies in this area are aimed at the promotion of physical activity during childhood and adolescence, the prescription of exercise in the context of chronic disease and at community-based health behaviour interventions. There is increasing evidence of the role of physical activity in the prevention, treatment and management of a range of chronic disorders of increasing prevalence, such as obesity, diabetes, osteoarthritis and cardiovascular and peripheral arterial disease. A key strength in the Faculty is in the area of rehabilitation research and therapeutic interventions in disease and injuries across all life stages. Research into a range of disorders including neurological injury, vision loss, musculoskeletal injuries from sport, reading, coordination, emotional or behavioural disorders in children, chronic fatigue syndrome, dementia and Alzheimer's disease is currently being conducted.

#### **Vision**

There are a number of areas of collaboration with research activities in the other programs and across faculties deriving from the main research activities in this program which are: visual optics, including aberrations of the eye and their correction, lens design and performance, myopia and optics of the eye; visual performance studies, including vision rehabilitation, vision and driving and vision and falls; and clinical research on the ocular surface, effects of refractive surgery, colour vision and electroretinography.

For information on Centre for Health Research activities and expertise contact the Director *Phone: +61 7 3864 5563*.

### **Centre for Accident Research and Road Safety - Queensland (CARRS-Q)**

CARRS-Q is a major collaborative research centre established as a joint venture initiative of the Motor Accident Insurance Commission (MAIC) and Queensland University of Technology.

As one of the few nationally recognised, university-based research centres of its kind in Australia, CARRS-Q is a vital player in the international pursuit of road safety. The Centre works collaboratively with a combination of experienced, highly qualified staff and strong networks in the road safety and injury prevention fields. It has successfully developed and maintained a strong research and consultancy profile and collaborative research linkages and activities with government, other universities, and commercial organisations.

Road safety and workplace accident prevention are key areas of research focus that have already led to successful implementation of behaviour intervention and education programs. The Centre's research scope covers the broader area of injury prevention with a particular interest in youth and risk-taking behaviours.

Future projects are planned to strengthen and broaden research and intervention development in the areas of vulnerable road users, illegal and high-risk behaviours, the human behaviour and technology interface, school and community-based road safety education and workplace safety.

*Director: Professor Mary Sheehan  
Phone: +61 7 3864 4589*

## ■ Doctor of Health Science (HL90)

**Award title:** Doctor of Health Science

**CRICOS code:** 037680K

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Years

**Course duration (part-time):** 6 Years

**Total credit points:** 288 (96 coursework credit points and 192 research portfolio credit points)

**Standard credit points per semester (full-time):** 48 (average)

**Course coordinator:** Assoc Prof Sandra Capra

### Major Study Areas

Health Services Management and Policy Sciences;

Nursing; Occupational and Environmental Health Sciences; and Public Health.

### Entry requirements

Applicants should hold a four-year degree or its equivalent with Honours I or Honours IIA or its equivalent from QUT or another recognised institution, and two years practice in a position of professional responsibility appropriate to the proposed course of study.

If, in the Dean's opinion the candidate has not completed substantial professional practice, then the candidate will be required to gain substantial professional experience during the course of the doctorate.

### Enrolment Procedure

Before submitting an application, potential candidates should contact the Course Coordinator who will assist in the preparation of the application.

Candidates should apply on the appropriate form, supplying any specified documentation. The application should be accompanied by a brief proposal for the course of study and the research field.

### Advanced Standing and Articulation

Advanced standing of up to a maximum of 96 credit points may be granted to candidates who have completed an appropriate Masters qualification or its equivalent.

The Doctor of Health Science will fully articulate with the Master of Health Science and students who select their program of study to be consistent with the coursework requirements for the Doctor of Health Science will be eligible for the full credit of 96 credit points. Should a student wish to exit prior to completion of the program they may be eligible to receive the award of Master of Health Science if this has not previously been awarded.

### Course Structure

Students undertake 96 credit points of coursework units and 192 research portfolio credit points. The coursework must be completed before proceeding to the research component. Students will be able to choose from the major study areas listed above. To achieve the appropriate advanced levels students must:

- choose one of the major study areas list above
- complete four (4) units from this major study area (at least two units must be from List B)
- complete two (2) units in research methods
- complete two (2) approved elective units from either List A or B.

### Full-time Course Structure

#### Year 1, Semester 1

Core unit in Research Methods  
Core unit in Research Methods  
Major Study 1  
Major Study 2

#### Year 1, Semester 2

Major Study 3  
Major Study 4  
Elective Unit  
Elective Unit

#### Year 2, Semester 1

HLR710/1 Research Project  
HLR710/2 Research Project

#### Year 2, Semester 2

HLR710/3 Research Project  
HLR710/4 Research Project

#### Year 3, Semester 1

HLR710/5 Research Project  
HLR710/6 Research Project

#### Year 3, Semester 2

HLR710/7 Research Project  
HLR710/8 Research Project

### Part-time Course Structure

#### Year 1, Semester 1

Core unit in Research Methods  
Major Study 1

#### Year 1, Semester 2

Major Study 2  
Elective unit

#### Year 2, Semester 1

Core unit in Research Methods  
Major Study 3

#### Year 2, Semester 2

Major Study 4  
Elective unit

#### Year 3, Semester 1

HLR710/1 Research Project

#### Year 3, Semester 2

HLR710/2 Research Project

#### Year 4, Semester 1

HLR710/3 Research Project

#### Year 4, Semester 2

HLR710/4 Research Project

#### Year 5, Semester 1

HLR710/5 Research Project

#### Year 5, Semester 2

HLR710/6 Research Project

#### Year 6, Semester 1

HLR710/7 Research Project

#### Year 6, Semester 2

HLR710/8 Research Project

### Research Units and Major Study Areas

#### Research Units

Two units must be completed from the following list:

##### List A

HLN405 Qualitative Research  
HLN705 Introduction To Quantitative Research Methods  
PUN105 Health Statistics

##### List B

HLN706 Advanced Quantitative Research Methods

Note: students who have completed PUB316 (or equivalent) are ineligible to undertake HLN705.

#### Major Study Areas

Students must complete four units from their major study area (at least two of which are selected from List B). Two additional elective units can be chosen from either List A or B.

#### Health Services Management and Policy Sciences

##### List A

PUN601 Contemporary Health Policies  
PUN602 Health Planning, Management And Evaluation  
PUN608 Health Economics  
PUN610 Health Services Management

##### List B

HLN701 Independent Study  
PUN615 Advanced Health Service Management  
PUR200 Emerging Issues In Public Health  
PUR201 Advanced Professional Studies

#### Public Health

##### List A

PUN103 Advanced Epidemiology  
PUP035 Health Promotion Strategies And Evaluation

##### List B

HLN701 Independent Study  
PUP034 Advanced Studies And Practice In Health Promotion  
PUR200 Emerging Issues In Public Health  
PUR201 Advanced Professional Studies



*Occupational and Environmental Health Sciences*

## List A

PUN008	Risk Management: Identification And Assessment Procedures
PUN617	Environmental Health Management
PUN619	Environment And Health
PUP415	Occupational Health
PUN302	Determinants Of Workplace Injury And Disease

## List B

PUN009	Risk Treatment
PUR200	Emerging Issues In Public Health
PUR201	Advanced Professional Studies
HLN701	Independent Study
PUP250	Occupational Hygiene

*Nursing*

(Only available to candidates eligible for registration as a nurse in Australia.)

## List A

NSN502	Critical Inquiry In Health Care
NSN507	Contemporary Practice Issues
NSN515	Clinical Leadership And Management

## List B

HLN701	Independent Study
NSR001	Advanced Nursing Studies
NSN508	Advanced Readings In Nursing

*Electives*

Selected from List A or List B. Units from other discipline fields may be considered after consultation.

## ■ Master of Applied Science (Research) (HL84)

**Award title:** Master of Applied Science (Research)

**CRICOS code:** 007897G

**Location:** Kelvin Grove

**Course duration (full-time):** 1-2 years

**Course duration (part-time):** 2-4 years

**Course coordinator:** Assoc Prof Jan Lovie-Kitchin

**Entry requirements**

A Bachelor degree in Health Science, Applied Science or other approved degree from the Queensland University of Technology, or an equivalent qualification, or submission of such other evidence of qualifications as will satisfy the academic board that the applicant possesses the capacity to pursue the course of study. Applications for admission should set out fully the intended course of study. If students are admitted as a provisional candidate, they will be required to submit a detailed research proposal at the end of the first year of candidacy. This proposal should include the area of study, the coursework to be undertaken, the proposed title of the thesis to be written, the aim of the proposed program of research and investigation, its background, the significance and possible application of the research program, and the research plan.

**Application for Admission**

The Master of Applied Science (Research) program is administered by the Health Academic Board through its Faculty Research Committee.

Applications for admission should set out fully the candidate's intended course of study. The proposed course of study should include the area of study, the coursework to be undertaken, the proposed title of the thesis to be written, the aim of the proposed program of research and investigation, its background, the significance and possible application of the research program, and the research plan.

Approval of applications is subject to the receipt of a statement of support from the Head of School and Director of Centre in which the proposed research program is to be undertaken.

**Course Structure**

Students undertake a program of research and investigation on a topic approved by the Faculty Research Committee. Students may be required to undertake an appropriate course of study concurrently with the research program. The course of study

normally includes: a program of assessed coursework; participation in University scholarly activities such as research seminars, teaching and publication; regular face-to-face interaction with supervisors; and a program of supervised research and investigation.

**Course Coordination**

Students undertake their program of research through one of the Faculty's Schools or Research Centres. Research expertise within the Faculty covers activities in the current Schools of Human Movement Studies, Nursing, Optometry, Psychology & Counselling and Public Health. Thematic areas of research strength include physical activity & disability, rehabilitation, chronic illness, aging and child health. Potential students are encouraged to contact the relevant School or Research Centre prior to submitting an application to discuss the proposed research project, supervision and facilities.

## ■ Master of Counselling (PY12)

**Award title:** Master of Counselling

**Location:** Carseldine

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Course coordinator:** Mr Glen Guy

**Course structure****Year 1, Semester 1**

PYN000	Counselling Studies 1
PYN001	Professional Studies 1

**Year 1, Semester 2**

PYN002	Counselling Studies 2
PYN003	Group Studies

**Year 2, Semester 1**

PYN004	Counselling Studies 3
PYN006	Professional Studies 2

**Year 2, Semester 2**

PYN005	Research Methods And Issues
PYN013	Advanced Counselling Studies

**Year 3, Semester 1**

PYN007	Professional Studies 3
PYN008/1	Project

**Year 3, Semester 2**

PYN008/2	Project
PYN008/3	Project

## ■ Master of Counselling Psychology (PY17)

**Award title:** Master of Counselling Psychology

**Location:** Carseldine

**Course duration (full-time):** 4 semesters

**Course duration (part-time):** 8 semesters

**Total credit points:** 192

**Course coordinator:** Associate Professor Robert Schweitzer

**Course structure - Full-time****Semester 1**

PYN026	Advanced Psychological Interventions 1
PYN027	Advanced Psychological Assessment
PYN005	Research Methods And Issues
PYN035	Supervised Practicum

**Semester 2**

PYN029	Advanced Psychological Interventions 2
PYN030	Ethical, Legal And Supervision Issues In Counselling Psychology
PYN031/1	Research Thesis
PYN036	Supervised Practicum 2

**Semester 3**

PYN031/2	Research Thesis
PYN031/3	Research Thesis
PYN037	Supervised Practicum 3
	Elective

**Semester 4**

PYN031/4	Research Thesis
PYN038	Supervised Practicum 4
	Elective
	Elective

**Course Structure - Part-time****Year 1, Semester 1**

PYN026 Advanced Psychological Interventions 1

PYN027 Advanced Psychological Assessment

**Year 1, Semester 2**

PYN029 Advanced Psychological Interventions 2

PYN030 Ethical, Legal And Supervision Issues In Counselling Psychology

**Year 2, Semester 1**

PYN035 Supervised Practicum

PYN005 Research Methods And Issues

**Year 2, Semester 2**PYN036 Supervised Practicum 2  
Elective**Year 3, Semester 1**PYN031/1 Research Thesis  
Elective**Year 3, Semester 2**

PYN031/2 Research Thesis

PYN031/3 Research Thesis

**Year 4, Semester 1**

PYN031/4 Research Thesis

PYN037 Supervised Practicum 3

**Year 4, Semester 2**PYN038 Supervised Practicum 4  
Elective**■ Master of Health Science (HL88)****Award title:** Master of Health Science (Study Area A)**CRICOS code:** 009030K**Location:** Gardens Point and Kelvin Grove**Course duration (full-time):** 3 Semesters**Course duration (part-time):** 6 Semesters**Total credit points:** 144**Standard credit points per semester (full-time):** 48**Standard credit points per semester (part-time):** 24**Course coordinator:** Dr Elizabeth Parker**Majors**

Majors are offered in the following areas:

- Environmental Health,
- Health Services Management,
- Health Promotion,
- Occupational Health and Safety
- Risk Management,
- Sports Studies,
- Physical and Health Education,
- Women's Health,
- Aged Care and

or a cross specialisation (where no major is taken but students study across a variety of fields).

To complete a major, students must complete at least four units from the same discipline area from with the Faculty of Health.

**Course Structure**

Candidates can choose electives from a wide range of university postgraduate units, but these must be approved by the course and subject-area coordinators.

After successfully completing the equivalent of two semesters full-time study, students can exit the program with a Graduate Diploma in Health Science. A one calendar year option is available if students have a four-year undergraduate qualification, or if they have a three-year undergraduate qualification and incorporate a thesis, which is undertaken in the summer semester. Otherwise students will take one and a half years of full-time study to complete the program.

**Special Notes**

The course consists of at least eight (8) units offered by the Schools of the Faculty of Health (List A). The remaining four units can be taken as four elective units either from List A or List B. An array of elective units allow students to either specialise in

their professional discipline or to choose a coherent group of units from more than one specialist area.

To complete a major in any of the major areas of study students must complete at least four (4) units (48 credit points) in that discipline area.

**Course Pathways/Articulation**

Student who complete the Master of Health Science may be eligible for up to one year of advanced standing in HL90 Doctor of Health Science.

**Full-time Course Structure****Year 1, Semester 1**

Select four units

**Year 1, Semester 2**

Select four units

**Year 2, Semester 1**

Select from:

Four units

OR

HLN703 Project A

Plus two units

OR

HLN708 Project

OR

HLN700 Thesis

**Part-time Course Structure****Year 1, Semester 1**

Select two units

**Year 1, Semester 2**

Select two units

**Year 2, Semester 1**

Select two units

**Year 2, Semester 2**

Select two units

**Year 3, Semester 1**

Select from:

Two units

OR

HLN703 Project A

OR

HLN750/1 Thesis

**Year 3, Semester 2**

Select from:

Two units

OR

HLN703 Project A

OR

HLN704 Project B

OR

HLN750/2 Thesis

**List A - Major Areas of Study****Aged Care**

NSN626 Dementia And Family Care

NSN801 Health Assessment In Aged Care

NSN821 Key Issues In Aged Care

NSN822 Principles Of Aged Care Practice

**Environmental Health**

PUB515 Environmental Toxicology

PUN617 Environmental Health Management

PUN619 Environment And Health

PUN620 Concepts Of Environmental Health

**Health Services Management**

PUN601 Contemporary Health Policies

PUN602 Health Planning, Management And Evaluation

PUN608 Health Economics

PUN609 Health Care Finance

PUN610 Health Services Management

PUN615 Advanced Health Service Management

PUN692 Health Care Delivery Systems

**Health Promotion**

PUP032 Intervention Design And Theories Of Change

PUP034 Advanced Studies And Practice In Health Promotion

PUP035 Health Promotion Strategies And Evaluation

PUP036 Concepts And Settings For Health Promotion

**Occupational Health And Safety**

- MEP201 Safety Technology And Practice
- PUN301 Occupational Health And Safety Law And Management
- PUN302 Determinants Of Workplace Injury And Disease
- PUP116 Ergonomics
- PUP250 Occupational Hygiene
- PUP415 Occupational Health

**Physical And Health Education**

- HMN201 Developing Teaching And Learning Initiatives For The Health And Physical Education Key Learning Area
- HMN202 Developing And Assessing Higher Order Thinking Skills In School Physical Education
- HMN203 Application Of The Sciences To Teaching And Learning In Physical Education And Sport
- HMN205 Health Education Curriculum Across The School Years
- HMN206 Designing Physical Activity Experiences For Special Populations
- PUN620 Concepts Of Environmental Health

**Risk Management**

- EFN418 Introduction To Financial Risk Management
- PUN001 Contemporary Risk Management
- PUN008 Risk Management: Identification And Assessment Procedures
- PUN009 Risk Treatment

**Sports Studies**

- HMP380 Sport Across The Lifespan
- HMP383 Sport Studies Project
- HMP385 Sport Practicum
- HMP389 Assessment In Sport

**Women's Health**

- NSN509 Special Topic
- NSN516 Sexual Reproductive Health
- NSN517 Women's Health Issues Elective

**Additional List A Units**

**Research Methods Electives**

- HLN405 Qualitative Research
- PUN105 Health Statistics
- HLN705 Introduction To Quantitative Research Methods
- HLN706 Advanced Quantitative Research Methods

**Research Units**

- HLN701 Independent Study
- HLN703 Project A
- HLN704 Project B
- HLN708 Project
- HLN700 Thesis OR
- HLN750 Thesis

**General Health Electives**

- NSN624 Collaborative Practice In The Community
- PUN103 Advanced Epidemiology
- PUN106 Population Health
- PYN026 Advanced Psychological Interventions 1
- PYN029 Advanced Psychological Interventions 2
- PYN460 Advanced Interventions For Addictive Behaviours
- PYP401 Introduction To Road Safety
- PYP402 Traffic Psychology And Behaviour
- PYP404 Applying Traffic Psychology
- Undergraduate Health Electives (maximum two permitted)
- HMB361 Functional Anatomy 2
- HMB362 Biomechanics 2
- HMB371 Motor Control And Learning 2
- HMB374 Psychology Of Rehabilitation
- HMB381 Cardiovascular And Pulmonary Physiology In Exercise
- HMB384 Injury Prevention And Rehabilitation
- HMB480 Advanced Exercise Prescription
- PUB509 Nutrition
- PUB514 Contract/Project Management
- PUB515 Environmental Toxicology
- PUB609 Health Resource Allocation
- PUB644 Health Promoting Schools

**List B Elective (not available to HL38 or HL68 students)**

- Advertising, Marketing And Public Relations
- AMN461 Corporate Media Strategy And Tactics
- AMN463 Public Opinion And Public Relations
- AMN465 Public Relations Management
- AMN467 Public Relations Campaigns

**Business Management**

- GSN200 Business Strategies
- GSN207 Organisational Analysis And Consulting
- MGN402 Government-Business Relations
- MGN409 Introduction To Management
- MGN412 People In Organisations
- MGN413 Quality Systems Management
- MGN421 Strategic HRM
- MGN422 Contemporary Issues and Practices in Employee Relations
- MGN424 International Dimensions of HRM
- MGN425 The Context Of Public Management
- MGN426 International Trends In Public Management
- MGN427 Human Resource Management
- MGN505 Consulting and Change Management
- MGN516 Policy Analysis
- MGN517 Program Management And Evaluation

**Accountancy**

- AYN410 Business Law And Ethics
- AYN416 Financial Accounting 1
- AYN447 Issues In Electronic Commerce

**Creative Industries**

- KCN410 Interpersonal Communication And Negotiation
- KCP110 Global Media And Communication Policy
- KWN420 Theories Of Human Communication

**Legal And Justice Studies**

- JSP001 Law And Government 1
- JSP002 Criminal Law In Context 1
- JSP081 Law And Public Policy
- JSP083 Administrative Law And Justice
- JSP084 Justice And Human Rights
- LWS006 Health, Ethics And The Law

**Education**

- SPN621 Adult And Workplace Education: Principles And Practices
- SPN622 Legal Risk Management And Workplace Education
- SPN623 Strategic Workplace Education
- SPN624 Foundations Of Adult Learning And Development

**Information Technology**

- ITN211 Systems Analysis And Design
- ITN212 Information Modelling For Databases
- ITN343 Principles Of Information Management
- ITN412 Technology Of Information Systems
- ITN510 Data Communications

**Philanthropy And Nonprofit Studies**

- AMN482 Marketing For The Nonprofit Sector
- GSN224 Corporate Philanthropy
- GSN229 Philanthropic And Nonprofit Governance And Economics
- GSN230 Ethics And Management For Philanthropic And Nonprofit Organisations
- GSN231 Legal And Accounting Issues For PAndNp Organisations
- GSN232 Fundraising Principles

**Master of Nursing (NS85)**

**Award title:** Master of Nursing (Study Area A)

**CRICOS code:** 012644J

**Location:** Kelvin Grove

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Debra Anderson

**Majors**

The following majors are offered in this course:

- Aged Care
- Cancer Nursing
- Community Practice
- Intensive Care Nursing
- Medical/Surgical Nursing
- Mental Health
- Midwifery \*
- Paediatric, Child and Youth Health
- Professional Studies
- Women's Health

\*Midwifery is offered at Masters level but is a separate Graduate Diploma

### Course Structure

The course structures offer a wider range of pathways for nurses working in diverse settings, while at the same time ensuring opportunities for in-depth study to develop an advanced level of competence in selected areas of nursing practice. Students may undertake one of ten different majors.

The Master of Nursing consists of the content of the Graduate Diploma in Nursing plus a further 48 credit points. Students who wish to graduate with a specified major in the Master of Nursing (except Professional Studies) will be required to complete the 96 credit points of the Graduate Diploma in Nursing units relevant to that major PLUS at least an additional 24 credit points of the remaining 48 credit points at the masters level in units also relevant to that major. These 24 credit points can be undertaken by completing relevant coursework units, a 24 credit point clinical project or a 24 credit point thesis relevant to the major.

Students who wish to graduate from the Master of Nursing with a major in Professional Studies will be required to complete the 96 credit points of the Graduate Diploma in Nursing, and can then choose to complete the remaining 48 credit points at the masters level either by coursework, project or thesis. The coursework units may be selected from any postgraduate level units offered within the University for which the student has the necessary prerequisite.

The Master of Nursing may be undertaken both in the full-time and part-time modes.

For all majors except for mental health nursing, students may complete their program by internal or external mode. Students in the mental health nursing program will be required to complete some units by internal mode, but may choose to undertake selected units by external mode.

A one year full-time program may be negotiated if students undertake a thesis.

### Course Pathways/ Articulation

The Graduate Diploma in Nursing and the Master of Nursing fully articulate and are offered for domestic and overseas students who are eligible for registration as a nurse with the Queensland Nurses Council (QNC).

Student who complete the Master of Nursing may also be eligible for up to 96 credit points advanced standing in HL90 Doctor of Health Science.

### Full-time Course structure

#### Semester 1 and Semester 2

Students are required to complete the two semesters of the Graduate Diploma in Nursing content in their major area of study or the Graduate Diploma in Midwifery before continuing onto the third semester of the Master of Nursing

#### Semester 3

- Four (4) electives (List A) each of 12 credit points  
OR  
NSN506 Clinical Project  
And Two (2) electives (List A) each of 12 credit points  
OR  
NSN850 Thesis (Full-time)

### Part-time Course structure

#### Semesters 1 to 4

Students are required to complete the four semesters of the Graduate Diploma in Nursing content in their major area of study before continuing onto the Master of Nursing.

#### Semesters 5 and 6

- Two (2) electives from List A  
and  
Two (2) electives from List B

OR

### Semesters 5 and 6

- Two (2) electives from List A  
and  
NSN506 Clinical Project  
OR

### Semesters 5 and 6

- NSN506 Clinical Project  
and  
Two (2) electives from List B  
OR

### Semester 5 and 6

- NSN825 Thesis (Part-time)  
and  
NSN825 Thesis (Part-time)

### Elective Lists

#### List A (Semester 1)

- HLN705 Introduction To Quantitative Research Methods  
HLN706 Advanced Quantitative Research Methods  
HLN405 Qualitative Research  
NSN721 Key Issues In Acute And Critical Care Nursing  
NSN002 Key Issues In Child And Youth Health Nursing  
NSN821 Key Issues In Aged Care  
NSN801 Health Assessment In Aged Care  
NSN701 Advanced Health Assessment  
NSN622 Contexts Of Community Practice  
NSN624 Collaborative Practice In The Community  
NSN517 Women's Health Issues  
NSN508 Advanced Readings In Nursing  
\*Students studying Key Issues in Acute and Critical Care Nursing must be working at 0.6FTE in a Critical Care, Medical/Surgical or Cancer Care Setting, or be required to undertake additional clinical experiences to meet the requirements of the unit.

#### List B (Semester 2)

- HLN405 Qualitative Research  
NSN508 Advanced Readings In Nursing  
NSN509 Special Topic  
NSN723 Specialisation In Critical Care Nursing  
NSN725 Specialisation In Medical/surgical And Cancer Nursing  
NSN626 Dementia And Family Care  
NSN625 Project Management For Community Practice  
NSN516 Sexual Reproductive Health  
NSN502 Critical Inquiry In Health Care  
NSN523 Clinical Studies  
NSN722 Principles Of Acute And Critical Care Nursing  
\*In selected modules, students studying Principles of Acute and Critical Care Nursing, Specialisation in Critical Care Nursing, Specialisation in Medical/Surgical and Cancer Nursing must be working in a practice setting relevant to the areas of study, or be willing to undertake additional clinical experiences to be able to undertake this unit. Contact the Course Coordinator for further information.

## ■ Master of Public Health (PU85)

**Award title:** Master of Public Health

**CRICOS code:** 009029C

**Location:** Kelvin Grove

**Course duration (full-time):** 1.5 Years

**Course duration (part-time):** 3 Years

**Total credit points:** 144

**Course coordinator:** Dr Elizabeth Parker

### Overview

The Graduate Diploma in Public Health and Master of Public Health Programs are offered and taught conjointly by a consortium of three universities (QUT, Griffith University, and The University of Queensland). Students enrol through one of these universities and are required to complete: four compulsory core units, four elective units selected from a specialised stream, and a further four electives or a dissertation under the guidance of a supervisor.

Course rules are available in the PU85 course handbook available from School of Public Health.

### Specialised Streams Units

Offered in the areas of:

- Health Services Management and Policy Sciences
- Occupational and Environmental Health Science
- Health Promotion
- Epidemiology and Research Methods

### Course Structure

Student elect between three options:

#### Option 1. Full Coursework (no project or thesis component)

Consists of four core units, one research methods unit (HLN405, HLN705 or HLN706), and seven advanced elective units.

Elective units will normally be selected according to choice of a major or stream of study.

#### Option 2. Coursework with a project component

Consists of four core units, one research methods unit (HLN405, HLN705 or HLN706), five advanced elective units and one project unit (HLN703). Elective units will normally be selected according to choice of a major or stream of study.

#### Option 3. Coursework with a thesis component

Full-time students in the program undertake a course work component in their first two semesters (full-time) or four semesters (part-time), followed by a dissertation component of one semester (or two semesters part-time). The course work component comprises of four core units and four advanced elective units. Elective units will normally be selected according to choice of a major or stream of study.

### Course structure - Full-time

#### PART A - Semester 1 - Core Units (Option 1, 2, 3)

PUN105	Health Statistics
PUN692	Health Care Delivery Systems
PUN702	Social And Behavioural Determinants Of Health
PUN743	Introduction To Epidemiology

#### PART B - Semester 2 - Advanced Elective Units Offered By QUT (Option 1, 2, 3)

- 4 electives from same major
- or
- 4 electives across majors

#### PART C - Semester 3 - Coursework (Option 1 only)

Students select further electives from advanced elective list.  
OR

#### PART C - Semester 3 - Project (Option 2 only)

HLN703	Project A
	OR

#### PART C - Semester 3 - Dissertation (Option 3 only)

HLN700	Thesis
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### Course structure - Part-time

#### PART A - Semester 1 - Core Units

PUN692	Health Care Delivery Systems
PUN105	Health Statistics

#### PART B - Semester 2 - Advanced Elective Units Offered By QUT (Option 1, 2, 3)

- 2 electives from same major
- or
- 2 electives across majors

#### PART A - Semester 3 - Core Units

PUN702	Social And Behavioural Determinants Of Health
PUN743	Introduction To Epidemiology

#### PART B - Semester 4 - Advanced Elective Units Offered By QUT (Option 1, 2, 3)

- 2 electives from same major
- or
- 2 electives from across majors

#### PART C - Semester 5 - Coursework (Option 1 only)

Student select further electives.  
OR

#### PART C - Semester 5 - Project (Option 2 only)

HLN703	Project A
	OR

#### PART C - Semester 5 - Dissertation (Option 3 only)

HLN750	Thesis
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### Course structure - Advanced Elective Unit List

#### Health Services Management and Policy Sciences

PUN601	Contemporary Health Policies
PUN602	Health Planning, Management And Evaluation
PUN608	Health Economics
PUN609	Health Care Finance
PUN610	Health Services Management
PUN615	Advanced Health Service Management

#### Occupational and Environmental Health Science

EFN418	Introduction To Financial Risk Management
MEP201	Safety Technology And Practice
PUN001	Contemporary Risk Management
PUN008	Risk Management: Identification And Assessment Procedures
PUN009	Risk Treatment
PUN301	Occupational Health And Safety Law And Management
PUN302	Determinants Of Workplace Injury And Disease
PUN617	Environmental Health Management
PUN619	Environment And Health
PUN620	Concepts Of Environmental Health
PUP116	Ergonomics
PUP250	Occupational Hygiene
PUP415	Occupational Health

#### Health Promotion

PUB644	Health Promoting Schools
PUP032	Intervention Design And Theories Of Change
PUP034	Advanced Studies And Practice In Health Promotion
PUP035	Health Promotion Strategies And Evaluation
PUP036	Concepts And Settings For Health Promotion

#### Epidemiology and Research Methods

HLN405	Qualitative Research
HLN705	Introduction To Quantitative Research Methods
HLN706	Advanced Quantitative Research Methods
PUN103	Advanced Epidemiology
PUN814	Principles of Epidemiology (UQ)
PUN850	Epidemiology and Disease Control (UQ)

## ■ Post Graduate Diploma in Psychology (PY20)

**Award title:** Post Graduate Diploma in Psychology

**CRICOS code:** 034714G

**Location:** Carseldine

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters (may not be available by evening study)

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Renata Meuter

### Full-time Course structure

#### Year 1, Semester 1

PYB450/1 Research Thesis  
Plus ONE research methods unit selected from the following options:

PYB462	Survey Methods
PYB401	Advanced Research Methods
PYB454	The Logic of Social Inquiry

Plus TWO advanced psychology units selected from the following options:

PYB402	Counselling Psychology
PYB403	Cognitive Neuropsychology
PYB404	Issues in Social Development Psychology
PYB405	Advanced Organisational Psychology

#### Year 1 Semester 2

PYB407 Research and Professional Development Seminar

PYB450/2 Research Thesis

PYB450/3 Research Thesis

Plus ONE cognate elective selected from a list approved by the course coordinator.

### Part-time Course structure

#### Part-time Course Structure

Please contact the Course Coordinator via the School of Psychology and Counselling, Telephone (07) 3864 4625, for advice on nominating a part-time course load.

## ■ Graduate Diploma in Clinical Hypnosis (PY30)

**Award title:** Graduate Diploma in Clinical Hypnosis

**CRICOS code:** 036435J

**Location:** Carseldine

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Kathryn Gow

### Course structure

#### Year 1, Semester 1

- PYP300 Clinical Hypnosis: Foundations In Theory And Practice  
 PYP304 Foundations Of Effective Clinical Research In Hypnosis  
 PYP309 Hypnosis: Processes, Techniques and Applications  
 PYP306 Dissertation: Clinical Research Review 1-3

#### Year 1, Semester 2

- PYP306/1 Dissertation: Clinical Research Review  
 PYP307 Clinical Case Supervision (Group And Individual)  
 Elective\*  
 \*Any 12 credit point unit offered by the Faculty of health subject to approval by the course coordinator

#### Year 2, Semester 1

- PYP302 Clinical Applications O Hypnosis: General And Discipline-Based  
 PYP307 Clinical Case Supervision (Group And Individual)

#### Year 2, Semester 2

- PYP306/2 Dissertation: Clinical Research Review  
 PYP306/3 Dissertation: Clinical Research Review

## ■ Graduate Diploma in Health Science (HL68)

**Award title:** Graduate Diploma in Health Science (Study Area A)

**CRICOS code:** 020308C

**Location:** Kelvin Grove

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Elizabeth Parker

### Majors

Majors are offered in the following areas: Environmental Health, Health Services Management, Health Promotion, Risk Management, Sports Studies, Physical and Health Education, Women's Health, Aged Care and Cross Specialisation. To complete a major, students must complete at least four units from the same discipline area from with the Faculty of Health.

### Course Requirements

The Graduate Diploma in Health Science consists of eight units totally 96 credit points selected from units offered by Schools within the Faculty of Health (List A units). No more than two (24 credit points) senior undergraduate health units can be included in the total.

### Course Pathways/Articulation

This course articulates fully into HL88 Master of Health Science.

### Full-time Course Structure

#### Year 1, Semester 1

Select four units from List A

#### Year 1, Semester 2

Select four units from List A

### Part-time Course Structure

#### Year 1, Semester 1

Select two units from List A

#### Year 1, Semester 2

Select two units from List A

#### Year 2, Semester 1

Select two units from List A

#### Year 2, Semester 2

Select two units from List A

### List A - Major Areas of Study

See Master of Health Science (HL88) for list.

### Additional List A Units

See Master of Health Science (HL88) for list.

## ■ Graduate Diploma in Midwifery (NS68)

**Award title:** Graduate Diploma in Midwifery

**CRICOS code:** 040342B

**Location:** Kelvin Grove

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Debra Anderson

### Full-time Course Structure

#### Year 1, Semester 1

- NSN311 Clinical Studies in Midwifery A  
 NSN507 Contemporary Practice Issues  
 NSN321 Foundations Of Midwifery Practice  
 AND select ONE of the following:

- HLN405 Qualitative Research  
 HLN705 Introduction To Quantitative Research Methods  
 HLN706 Advanced Quantitative Research Methods

#### Year 1, Semester 2

- NSN322 Complex Issues For Childbearing Families  
 NSN323 Clinical Studies In Midwifery B  
 NSN516 Sexual Reproductive Health  
 AND select ONE of either:  
 NSN509 Special Topic  
 OR Elective (see elective list)

### Part-time Course structure

#### Year 1, Semester 1

- NSN311 Clinical Studies in Midwifery A  
 NSN321 Foundations Of Midwifery Practice

#### Year 1, Semester 2

- NSN322 Complex Issues For Childbearing Families  
 NSN516 Sexual Reproductive Health

#### Year 2, Semester 1

- NSN507 Contemporary Practice Issues  
 AND select ONE of the following units:  
 HLN405 Qualitative Research  
 HLN705 Introduction To Quantitative Research Methods  
 HLN706 Advanced Quantitative Research Methods

#### Year 2, Semester 2

- NSN323 Clinical Studies In Midwifery B  
 AND Select ONE of either:  
 NSN509 Special Topic  
 OR Elective

### Elective list

- HLN405 Qualitative Research  
 NSN006 Specialisation In Paediatric, Child And Youth Health Nursing  
 NSN502 Critical Inquiry In Health Care  
 NSN508 Advanced Readings In Nursing  
 NSN515 Clinical Leadership And Management  
 NSN624 Collaborative Practice In The Community

# Students studying this unit must be working in a practice setting relevant to the areas of study, or be willing to undertake additional clinical experience to be able to undertake this unit.

## ■ Graduate Diploma in Nursing (NS64)

**Award title:** Graduate Diploma in Nursing (Study Area A)

**CRICOS code:** 015086K

**Location:** Kelvin Grove

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Course coordinator:** Dr Debra Anderson

### Majors

The following majors are offered in this course:

- Aged Care
- Cancer Nursing
- Community Practice
- Intensive Care Nursing
- Medical/Surgical Nursing
- Mental Health
- Paediatric, Child and Youth Health
- Professional Studies
- Women's Health

### Aged Care Full-time Course Structure

#### Semester 1

NSN821	Key Issues In Aged Care
NSN801	Health Assessment In Aged Care
NSN507	Contemporary Practice Issues
HLN405	Qualitative Research
	OR
HLN705	Introduction To Quantitative Research Methods
	OR
HLN706	Advanced Quantitative Research Methods

#### Semester 2

NSN822	Principles Of Aged Care Practice
NSN523	Clinical Studies
NSN515	Clinical Leadership And Management
	Elective List B
	OR
	Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

### Aged Care Part-time Course Structure

#### Semester 1

NSN821	Key Issues In Aged Care
NSN801	Health Assessment In Aged Care

#### Semester 2

NSN822	Principles Of Aged Care Practice
NSN523	Clinical Studies

#### Semester 3

NSN507	Contemporary Practice Issues
HLN405	Qualitative Research
	OR
HLN705	Introduction To Quantitative Research Methods
	OR
HLN706	Advanced Quantitative Research Methods

#### Semester 4

NSN515	Clinical Leadership And Management
	Elective (List B)
	OR
	Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

### Community Practice Full-time Course Structure

#### Semester 1

NSN622	Contexts Of Community Practice
NSN624	Collaborative Practice In The Community
NSN701	Advanced Health Assessment
	OR

NSN801	Health Assessment In Aged Care
HLN405	Qualitative Research
	OR

HLN705	Introduction To Quantitative Research Methods
	OR

HLN706	Advanced Quantitative Research Methods
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#### Semester 2

NSN625	Project Management For Community Practice
NSN623	Leadership and Management in the Community
	Elective List B
	Elective List B
	OR
	Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

### Community Practice Part-time Course Structure

#### Semester 1

NSN622	Contexts Of Community Practice
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NSN624	Collaborative Practice In The Community
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#### Semester 2

NSN625	Project Management For Community Practice
	Elective (List B)

#### Semester 3

NSN701	Advanced Health Assessment
	OR

NSN801	Health Assessment In Aged Care
	Elective (List A)

OR

Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

#### Semester 4

NSN623	Leadership and Management in the Community
HLN405	Qualitative Research

OR

HLN705	Introduction To Quantitative Research Methods
	OR

HLN706	Advanced Quantitative Research Methods
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### Women's Health Full-time Course Structure

#### Semester 1

NSN517	Women's Health Issues
	Elective (List A)

NSN507	Contemporary Practice Issues
HLN405	Qualitative Research

OR

HLN705	Introduction To Quantitative Research Methods
	OR

HLN706	Advanced Quantitative Research Methods
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#### Semester 2

NSN516	Sexual Reproductive Health
NSN509	Special Topic

NSN515	Clinical Leadership And Management
	Elective (List B)

OR

Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

### Women's Health Part-time Course Structure

#### Semester 1

NSN517	Women's Health Issues
	Elective (List A)

#### Semester 2

NSN516	Sexual Reproductive Health
NSN509	Special Topic

#### Semester 3

NSN507	Contemporary Practice Issues
HLN405	Qualitative Research

OR

HLN705	Introduction To Quantitative Research Methods
	OR

HLN706	Advanced Quantitative Research Methods
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#### Semester 4

NSN515	Clinical Leadership And Management
	Elective (List B)

OR

Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

### Mental Health Full-time Course Structure

#### Semester 1

NSN901	Mental Health Assessment
NSN721	Key Issues In Acute And Critical Care Nursing

NSN507	Contemporary Practice Issues
HLN405	Qualitative Research

OR

HLN705	Introduction To Quantitative Research Methods
	OR

HLN706	Advanced Quantitative Research Methods
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#### Semester 2

NSN922	Community Perspectives In Mental Health Nursing
NSN523	Clinical Studies

NSN928	Counselling In Mental Health Nursing
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NSN929	Clinical Intervention Modalities In Mental Health Nursing
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**Mental Health Part-time Course Structure****Semester 1**

- NSN901 Mental Health Assessment  
NSN721 Key Issues In Acute And Critical Care Nursing

**Semester 2**

- NSN922 Community Perspectives In Mental Health Nursing  
NSN523 Clinical Studies

**Semester 3**

- NSN507 Contemporary Practice Issues  
HLN405 Qualitative Research  
OR  
HLN705 Introduction To Quantitative Research Methods  
OR  
HLN706 Advanced Quantitative Research Methods

**Semester 4**

- NSN928 Counselling In Mental Health Nursing  
NSN929 Clinical Intervention Modalities In Mental Health Nursing

**Professional Studies Full-time Course Structure****Semester 1**

- NSN507 Contemporary Practice Issues  
HLN405 Qualitative Research  
OR  
HLN705 Introduction To Quantitative Research Methods  
OR  
HLN706 Advanced Quantitative Research Methods  
Elective (List A)  
Elective (List A)

**Semester 2**

- NSN515 Clinical Leadership And Management  
NSN502 Critical Inquiry In Health Care  
OR  
Elective (List B)  
Elective (List B)  
Elective (List B)  
OR  
Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

**Professional Part-time Course Structure****Semester 1**

- NSN507 Contemporary Practice Issues  
HLN405 Qualitative Research  
OR  
HLN705 Introduction To Quantitative Research Methods  
OR  
HLN706 Advanced Quantitative Research Methods

**Semester 2**

- NSN515 Clinical Leadership And Management  
NSN502 Critical Inquiry In Health Care  
OR  
Elective (List B)

**Semester 3**

- Elective (List A)  
Elective (List A)

**Semester 4**

- Elective (List B)  
Elective (List B)  
OR  
Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

**Paediatrics, Child and Youth Health Full-time Course Structure****Semester 1**

- NSN002 Key Issues In Child And Youth Health Nursing  
NSN003 Principles Of Paediatric, Child And Youth Health Nursing  
NSN507 Contemporary Practice Issues  
HLN405 Qualitative Research  
OR  
HLN705 Introduction To Quantitative Research Methods  
OR  
HLN706 Advanced Quantitative Research Methods

**Semester 2**

- NSN004 Acute Paediatric Nursing  
OR  
NSN005 Community Child And Youth Health Nursing  
NSN523 Clinical Studies  
NSN515 Clinical Leadership And Management

Elective (List B)

OR

Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

**Paediatrics, Child and Youth Health Part-time Structure****Semester 1**

- NSN002 Key Issues In Child And Youth Health Nursing  
NSN003 Principles Of Paediatric, Child And Youth Health Nursing

**Semester 2**

- NSN004 Acute Paediatric Nursing  
OR  
NSN005 Community Child And Youth Health Nursing  
NSN523 Clinical Studies

**Semester 3**

- NSN507 Contemporary Practice Issues  
HLN405 Qualitative Research  
OR  
HLN705 Introduction To Quantitative Research Methods  
OR

- HLN706 Advanced Quantitative Research Methods

**Semester 4**

- NSN515 Clinical Leadership And Management  
Elective (List B)  
OR  
Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

**Intensive Care Nursing, Medical/Surgical Nursing, and Cancer Nursing Full-time Course Structure****Semester 1**

- NSN701 Advanced Health Assessment  
NSN507 Contemporary Practice Issues  
NSN721 Key Issues In Acute And Critical Care Nursing  
HLN405 Qualitative Research  
OR

- HLN705 Introduction To Quantitative Research Methods  
OR

- HLN706 Advanced Quantitative Research Methods

**Semester 2**

- NSN722 Principles Of Acute And Critical Care Nursing  
NSN523 Clinical Studies  
NSN515 Clinical Leadership And Management  
Elective (List B)  
OR

Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

**Intensive Care Nursing, Medical/Surgical Nursing, and Cancer Nursing Part-time Structure****Semester 1**

- NSN701 Advanced Health Assessment  
NSN721 Key Issues In Acute And Critical Care Nursing

**Semester 2**

- NSN722 Principles Of Acute And Critical Care Nursing  
NSN523 Clinical Studies

**Semester 3**

- NSN507 Contemporary Practice Issues  
HLN405 Qualitative Research  
OR  
HLN705 Introduction To Quantitative Research Methods  
OR

- HLN706 Advanced Quantitative Research Methods

**Semester 4**

- NSN515 Clinical Leadership And Management  
Elective (List B)  
OR  
Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

**Elective Lists****List A (Semester 1)**

- HLN705 Introduction To Quantitative Research Methods  
HLN706 Advanced Quantitative Research Methods  
HLN405 Qualitative Research  
NSN721 Key Issues In Acute And Critical Care Nursing  
NSN002 Key Issues In Child And Youth Health Nursing  
NSN821 Key Issues In Aged Care  
NSN801 Health Assessment In Aged Care



NSN701	Advanced Health Assessment
NSN622	Contexts Of Community Practice
NSN624	Collaborative Practice In The Community
NSN517	Women's Health Issues
NSN508	Advanced Readings In Nursing
	*Students studying Key Issues in Acute and Critical Care Nursing must be working at 0.6FTE in a Critical Care, Medical/Surgical or Cancer Care Setting, or be required to undertake additional clinical experiences to meet the requirements of the unit.

**List B (Semester 2)**

HLN705	Introduction To Quantitative Research Methods
HLN706	Advanced Quantitative Research Methods
HLN405	Qualitative Research
NSN508	Advanced Readings In Nursing
NSN509	Special Topic
NSN723	Specialisation In Critical Care Nursing
NSN725	Specialisation In Medical/Surgical And Cancer Nursing
NSN626	Dementia And Family Care
NSN625	Project Management For Community Practice
NSN516	Sexual Reproductive Health
NSN502	Critical Inquiry In Health Care
NSN523	Clinical Studies
NSN722	Principles Of Acute And Critical Care Nursing
	* In selected modules, students studying Principles of Acute and Critical Care Nursing, Specialisation in Critical Care Nursing, Specialisation in Medical/Surgical and Cancer Nursing or Specialisation in Paediatric and Child Health Nursing must be working in a practice setting relevant to the areas of study, or be willing to undertake additional clinical experiences to be able to undertake this unit. Contact the Course Coordinator for further information.

**■ Graduate Diploma in Occupational Health and Safety (PU65)**

**Award title:** Graduate Diploma in Occupational Health and Safety

**CRICOS code:** 020307D

**Location:** Kelvin Grove

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 2 Years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Assoc Prof Sandra Capra

**Full-time Course structure****Year 1, Semester 1**

MEP201	Safety Technology And Practice
PUN301	Occupational Health And Safety Law And Management
PUN302	Determinants Of Workplace Injury And Disease
PUP415	Occupational Health

**Year 1, Semester 2**

PUN001	Contemporary Risk Management
PUP116	Ergonomics
PUP250	Occupational Hygiene
PUN008	Rick Management: Identification And Assessment Procedures or
PUP511	Occupational Health Management

**Part-time Course Structure****Year 1, Semester 1**

PUN301	Occupational Health And Safety Law And Management
MEP201	Safety Technology And Practice

**Year 1, Semester 2**

PUP116	Ergonomics
PUN001	Contemporary Risk Management

**Year 2, Semester 1**

PUN302	Determinants Of Workplace Injury And Disease
PUP415	Occupational Health

**Year 2, Semester 2**

PUP250	Occupational Hygiene
PUN008	Rick Management: Identification And Assessment Procedures or
PUP511	Occupational Health Management
	PUP511 is written specifically for nurses wishing to practice as Occupational Health nurses. This unit is run as a Continuing Education course.

**■ Graduate Diploma in Psychology (PY08)**

**Award title:** Graduate Diploma in Psychology

**CRICOS code:** 036434K

**Location:** Carseldine

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters (may not be available by evening study)

**Total credit points:** 96

**Course coordinator:** Dr Julie Hansen

**Graduate Diploma in Psychology****Semester 1 Part-time**

PYB205	Social Psychology
PYB210	Research And Design And Data Analysis

**Semester 2 Part-time**

PYB203	Developmental Psychology Elective
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**Semester 3 Part-time**

PYB303	Cognitive Psychology
PYB304	Cognitive Neuropsychology

**Semester 4 Part-time**

PYB306	Psychopathology
PYB311	Psychological Assessment

**Electives**

PYB050	Qualitative Research Methods
PYB067	Human Sexuality
PYB158	Introduction To Substance Abuse In Australia
PYB159	Alcohol And Other Drug Studies
PYB206	Personality
PYB257	Group Work
PYB258	Introduction To Theory And Research In Hypnosis
PYB260	Psychopharmacology of Addictive Behaviour
PYB353	Occupational And Vocational Psyc
PYB356	Counselling Theory And Practice 2
PYB358	Advanced Developmental Psychology
PYB359	Introduction To Family Therapy
PYB360	Interventions For Addictive Behaviours
PYB371	Introduction To Road Safety
PYB372	Traffic Psychology And Behaviour
PYB374	Applying Traffic Psychology
PYB350	Advanced Statistical Analysis

**■ Graduate Diploma in Public Health (PU60)**

**Award title:** Graduate Diploma in Public Health

**CRICOS code:** 020306E

**Location:** Kelvin Grove

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Elizabeth Parker

**Overview**

The Graduate Diploma in Public Health and Master of Public Health Programs are offered and taught jointly by a consortium of three universities (QUT, Griffith University, and The University of Queensland). Students enrol through one of these universities and are required to complete: four compulsory core units and four elective units selected from a specialised stream.

**Specialised Stream Units**

Offered in the areas of:

- Health Services Management and Policy Sciences
- Occupational and Environmental Health Science
- Health Promotion
- Epidemiology and Research Methods

**Course structure**

Full-time students in the program undertake a coursework component for two semesters (or four semesters part-time - two units per semester). The coursework comprises four core units and four advanced elective units. Elective units will normally be selected according to choice of a stream of study.

**Part A - Core Units**

PUN105	Health Statistics
PUN692	Health Care Delivery Systems
PUN702	Social And Behavioural Determinants Of Health
PUN743	Introduction To Epidemiology

**Part B - Advanced elective units offered by QUT Health Services****Management and Policy Sciences**

PUN601	Contemporary Health Policies
PUN602	Health Planning, Management And Evaluation
PUN608	Health Economics
PUN609	Health Care Finance
PUN610	Health Services Management
PUN615	Advanced Health Service Management

**Occupational and Environmental Health Science**

EFN418	Introduction To Financial Risk Management
MEP201	Safety Technology And Practice
PUN001	Contemporary Risk Management
PUN008	Rick Management: Identification And Assessment Procedures
PUN009	Risk Treatment
PUN301	Occupational Health And Safety Law And Management
PUN302	Determinants Of Workplace Injury And Disease
PUN617	Environmental Health Management
PUN619	Environment And Health
PUN620	Concepts Of Environmental Health
PUP116	Ergonomics
PUP250	Occupational Hygiene
PUP415	Occupational Health

**Health Promotion**

PUB644	Health Promoting Schools
PUP032	Intervention Design And Theories Of Change
PUP034	Advanced Studies And Practice In Health Promotion
PUP035	Health Promotion Strategies And Evaluation
PUP036	Concepts And Settings For Health Promotion

**Epidemiology and Research Methods**

HLN405	Qualitative Research
HLN705	Introduction To Quantitative Research Methods
HLN706	Advanced Quantitative Research Methods
PUN103	Advanced Epidemiology
PUN814	Principles of Epidemiology (UQ)
PUN850	Epidemiology and Disease Control (UQ)

**■ Graduate Diploma in Road Safety (PY41)****Award title:** Graduate Diploma in Road Safety**CRICOS code:** 040335A**Location:** Gardens Point and Carseldine**Course duration (full-time):** 2 semesters**Course duration (part-time):** 4 semesters**Total credit points:** 96**Standard credit points per semester (full-time):** 48**Standard credit points per semester (part-time):** 24**Course coordinator:** Mr Barry Watson**Course Structure**

The Graduate Diploma in Road Safety course consists of two core units plus six electives. The units are modularised for delivery either in a semester block, or in a series of weekends, or as an intensive week-long offering.

**Part-time Course structure****Year 1, Semester 1**

PYP401	Introduction To Road Safety and one of the following units:
PYP402	Traffic Psychology And Behaviour
CEP127	Road And Traffic Engineering

**Year 1, Semester 2**

PYP404	Applying Traffic Psychology Any approved elective or a unit offered in Summer Program listed below:
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**Year 1, Summer Program**

PYP405	Road Safety Evaluation Models
CEP151	Road Safety Audit - Principles and Practice Consideration will be given to offering core or elective units in block mode, as demand warrants.

**Year 2, Semester 1**

Any two of the following units, not completed in Year 1:	
PYP402	Traffic Psychology And Behaviour

PYP407	Independent Study
CEP127	Road and Safety Engineering

**Year 2, Semester 2**

PYP406	Road Safety Theory To Practice And one of the following units or a unit offered in Summer Program:
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PYP404	Applying Traffic Psychology
PYP407	Independent Study

**Year 2, Summer Program**

PYP405	Road Safety Evaluation Models
CEP151	Road Safety Audit - Principles and Practice Consideration will be given to offering core or elective units in block mode, as demand warrants. This unit is conducted jointly by QUT and Main Roads and may be offered at other times of the year, subject to demand.

**■ Graduate Certificate in Aged Care (NS39)****Award title:** Graduate Certificate in Aged Care**Location:** Kelvin Grove**Course duration (part-time):** 2 semesters**Total credit points:** 48**Standard credit points per semester (part-time):** 24**Course coordinator:** Dr Debra Anderson**Course Requirements**

The course can be undertaken by internal or external mode.

This course can also be commenced Mid-Year.

**Part-time Course structure****Year 1, Semester 1**

NSN801	Health Assessment In Aged Care
NSN821	Key Issues In Aged Care

**Year 1, Semester 2**

NSN822	Principles Of Aged Care Practice Elective OR Any other 12 credit point postgraduate unit offered by the Faculty of Health for which the student has the necessary pre-requisites.
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**Elective List**

HLN405	Qualitative Research
NSN509	Special Topic
NSN516	Sexual Reproductive Health
NSN624	Collaborative Practice In The Community
NSN625	Project Management For Community Practice
NSN626	Dementia And Family Care Students have the option of studying one of the two special topics: Prevention of Violence Against Women or Compromised Neonate

**■ Graduate Certificate in Cancer Nursing (NS31)****Award title:** Graduate Certificate in Cancer Nursing**Location:** Kelvin Grove**Course duration (part-time):** 2 semesters**Total credit points:** 48**Standard credit points per semester (part-time):** 24**Course coordinator:** Debra Anderson**Discipline coordinator:** Patsy Yates**Course Pathways/Articulation**

All units successfully completed may be credited towards NS64 Graduate Diploma of Nursing or NS85 Master of Nursing.

**Part-time Course structure****Year 1, Semester 1**

NSN701	Advanced Health Assessment
NSN721	Key Issues In Acute And Critical Care Nursing

**Year 1, Semester 2**

NSN722	Principles Of Acute And Critical Care Nursing
NSN723	Specialisation In Critical Care Nursing or
NSN725	Specialisation In Medical/surgical And Cancer Nursing

## ■ Graduate Certificate in Clinical Hypnosis Practice (PY32)

**Award title:** Graduate Certificate in Clinical Hypnosis Practice

**Location:** Carseldine

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Course coordinator:** Dr Kathryn Gow

### Course structure

#### Year 1, Semester 1

PYP300 Clinical Hypnosis: Foundations In Theory And Practice

PYP309 Hypnosis: Processes, Techniques and Applications

#### Year 1, Semester 2

PYP307 Clinical Case Supervision (Group And Individual)

Elective \*

\*Any 12 credit point unit offered by the Faculty of Health subject to approval by the course coordinator

## ■ Graduate Certificate in Community Practice (NS34)

**Award title:** Graduate Certificate in Community Practice

**Location:** Kelvin Grove

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Debra Anderson

### Course Pathways/Articulation

The Graduate Certificate in Community Practice has full articulation with the Graduate Diploma in Nursing and the Master of Nursing programs.

### Part-time Course structure

#### Year 1, Semester 1

NSN622 Contexts Of Community Practice

NSN624 Collaborative Practice In The Community

#### Year 1, Semester 2

NSN625 Project Management For Community Practice

Elective (List B)

#### Electives (List B)

HLN705 Introduction To Quantitative Research Methods

HLN706 Advanced Quantitative Research Methods

HLN405 Qualitative Research

NSN508 Advanced Readings In Nursing

NSN509 Special Topic

NSN723 Specialisation In Critical Care Nursing

NSN725 Specialisation In Medical/surgical And Cancer Nursing

NSN006 Specialisation In Paediatric, Child And Youth Health Nursing

NSN626 Dementia And Family Care

NSN625 Project Management For Community Practice

NSN516 Sexual Reproductive Health

NSN502 Critical Inquiry In Health Care

NSN523 Clinical Studies

NSN722 Principles Of Acute And Critical Care Nursing

## ■ Graduate Certificate in Emergency Nursing (NS41)

**Award title:** Graduate Certificate in Emergency Nursing

**Location:** Kelvin Grove

**Course duration (part-time):** 2 semesters

**Course duration (external):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 12

**Course coordinator:** Dr Debra Anderson

### Articulation

All units successfully completed may be credited towards NS64 Graduate Diploma of Nursing or NS85 Master of Nursing.

### Entry Requirements

Students must:

- be eligible for registration as a nurse with the Queensland Nursing Council

- have gained a degree in nursing (or equivalent) from a recognised institution
- have completed the Queensland Health Transition to Emergency Nursing Program (or its equivalent) within the past three years, and
- normally have at least one year of appropriate post-registration clinical experience.

Candidates who are not employed in a clinical setting relevant to their program may be required to undertake additional supernumerary clinical experiences to meet the requirements of the course.

### Course Design

The Graduate Certificate comprises 48 credit points made up of 24 credit points advanced standing from accredited programs, plus 24 credit points from units offered by the School of Nursing.

### Part-time Course Structure

#### Year 1, Semester 1

NSN721 Key Issues In Acute And Critical Care Nursing

#### Year 1, Semester 2

NSN723 Specialisation In Critical Care Nursing

## ■ Graduate Certificate in Environmental Health (PU32)

**Award title:** Graduate Certificate in Environmental Health

**Location:** Kelvin Grove

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Elizabeth Parker

### Part-time Course structure

#### Semester 1

PUB515 Environmental Toxicology

PUN620 Concepts Of Environmental Health

#### Semester 2

PUN617 Environmental Health Management

PUN619 Environment And Health

## ■ Graduate Certificate in Health Promotion (PU39)

**Award title:** Graduate Certificate in Health Promotion

**Location:** Kelvin Grove

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Elizabeth Parker

### Part-time Course structure

#### Year 1, Semester 1

PUP032 Intervention Design And Theories Of Change

PUP036 Concepts And Settings For Health Promotion

#### Year 1, Semester 2

PUP035 Health Promotion Strategies And Evaluation  
AND

PUP034 Advanced Studies And Practice In Health Promotion  
OR

PUB644 Health Promoting Schools

## ■ Graduate Certificate in Health Science (HL38)

**Award title:** Graduate Certificate in Health Science (Study Area A)

**CRICOS code:** 027285D

**Location:** Kelvin Grove

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Elizabeth Parker

**Course Overview**

The course provides a broad range of options for study at the Graduate Certificate level. Students can select four (4) units from across a range of Faculty of Health units. It is designed for students who do not want to specialise but prefer to select a combination of units to meet their needs. Selection of units is subject to approval by the course coordinator.

**Course Structure**

Students are required to complete any four units (totalling 48 credit points) from List A. No more than two (24 credit points) senior undergraduate units can be included in the total.

**Course Pathways/Articulation**

This course articulates fully into HL68 Graduate Diploma in Health Science and HL88 Master of Health Science

**Special Note**

Completion of units in Occupational Health & Safety or Environmental Health does not qualify graduands to practice in these areas.

**Part-time Course structure***Year 1, Semester 1*

Select two units from List A

*Year 1, Semester 2*

Select two units from List A

**List A - Major Areas of Study**

See Master of Health Science (HL88) for list.

**Additional List A Units**

See Master of Health Science (HL88) for list.

## ■ Graduate Certificate in Health Services Management (PU38)

**Award title:** Graduate Certificate in Health Services Management

**Location:** Kelvin Grove

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Elizabeth Parker

**Part-time Course structure***Year 1, Semester 1*

PUN692 Health Care Delivery Systems  
AND

PUB511 Health Policy, Planning And Evaluation  
OR

PUB514 Contract/Project Management

*Year 1, Semester 2*

PUN610 Health Services Management  
AND

PUN601 Contemporary Health Policies  
OR

PUN608 Health Economics  
OR

PUB609 Health Resource Allocation

## ■ Graduate Certificate in Human Movement Studies (Professional Studies) (HM30)

**Award title:** Graduate Certificate in Human Movement Studies (Professional Studies)

**Location:** Kelvin Grove

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Graham Costin

**Entry requirements**

An appropriate Bachelor degree in Human Movement Studies, or equivalent; or other qualifications; or appropriate work

experience acceptable to the Dean. Requests for credit transfer and advanced standing will be considered.

**Course structure***Semester 1*

HMB470 Practicum 1

HMB475/1 Practicum 2

*Semester 2*

HMB475/2 Practicum 2

HMB475/3 Practicum 2

## ■ Graduate Certificate in Intensive Care Nursing (NS30)

**Award title:** Graduate Certificate in Intensive Care Nursing

**Location:** Kelvin Grove

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Debra Anderson

**Articulation**

The Graduate Certificate in Intensive Care Nursing has full articulation with the Graduate Diploma in Nursing and the Master of Nursing programs.

**Part-time Course Structure***Year 1, Semester 1*

NSN701 Advanced Health Assessment

NSN721 Key Issues In Acute And Critical Care Nursing

*Year 1, Semester 2*

NSN722 Principles Of Acute And Critical Care Nursing

NSN723 Specialisation In Critical Care Nursing

or

NSN725 Specialisation In Medical/surgical And Cancer Nursing

## ■ Graduate Certificate in Medical/Surgical Nursing (NS33)

**Award title:** Graduate Certificate in Medical/Surgical Nursing

**Location:** Kelvin Grove

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Debra Anderson

**Course Pathways/Articulation**

The Graduate Certificate in Medical/Surgical Nursing has full articulation with the Graduate Diploma in Nursing and the Master of Nursing programs.

The course can be undertaken by internal or external mode. Mid-year entry is available.

**Part-time Course Structure***Year 1, Semester 1*

NSN701 Advanced Health Assessment

NSN721 Key Issues In Acute And Critical Care Nursing

*Year 1, Semester 2*

NSN722 Principles Of Acute And Critical Care Nursing

NSN723 Specialisation In Critical Care Nursing

or

NSN725 Specialisation In Medical/surgical And Cancer Nursing

## ■ Graduate Certificate in Nursing (NS32)

**Award title:** Graduate Certificate in Nursing (Study Area A)

**Location:** Kelvin Grove

**Course duration (part-time):** 1 year

**Total credit points:** 48

**Course coordinator:** Dr Debra Anderson

**Entry requirements**

To be eligible for admission applicants must: be registered as a nurse with the Queensland Nursing Council (QNC) or the nurse regulatory authority in the student's state or territory of residence;

have gained a degree in Nursing (or equivalent) from a recognised institution; AND should have at least one year of appropriate post-registration clinical experience. Applicants may be admitted if they have qualifications or professional experience that are approved by the Head of the School.

### Overview

This course will enable you to: draw on broad research and theoretical knowledge to evaluate specialist nursing care apply theoretical concepts to enhance practice in your chosen nursing specialty provide a foundation for further professional development and study. The aims and objectives are similar to those of the Graduate Diploma in Nursing and Master of Nursing, but with the modified clinical focus given by the varied work-based clinical experiences.

### Course Structure

Course Structure Information about NSN510, NSN511, the Clinical Electives, is available directly from the Clinical Strand Coordinator. The Critical Care, Cancer Nursing and Women's Health strands are all offered externally. The Graduate Certificate in Nursing has full articulation with the Graduate Diploma in Nursing and Master of Nursing programs.

#### Cancer Nursing - Semester 1

NSN501 Advanced Clinical Strategies  
NSN521 Clinical Specialisation 1

#### Cancer Nursing - Semester 2

NSN510 Clinical Elective 1  
OR

NSN511 Clinical Elective 2

NSN522 Clinical Specialisation 2

#### Critical Care - Semester 1

NSN501 Advanced Clinical Strategies  
NSN521 Clinical Specialisation 1

#### Critical Care - Semester 2

NSN510 Clinical Elective 1  
NSN511 Clinical Elective 2

#### Gerontology and Women's Health - Semester 1

NSN501 Advanced Clinical Strategies  
NSN521 Clinical Specialisation 1

#### Gerontology and Women's Health - Semester 2

NSN522 Clinical Specialisation 2  
NSN523 Clinical Studies

## ■ Graduate Certificate in Paediatric, Child and Youth Health Nursing (NS35)

**Award title:** Graduate Certificate in Paediatric, Child and Youth Health Nursing

**Location:** Kelvin Grove

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Debra Anderson

### Course Requirements

The course can be undertaken by internal or external mode.

### Part-time Course structure

#### Year 1, Semester 1

NSN002 Key Issues In Child And Youth Health Nursing  
NSN003 Principles Of Paediatric, Child And Youth Health Nursing

#### Year 1, Semester 2

NSN004 Acute Paediatric Nursing  
or

NSN005 Community Child And Youth Health Nursing

NSN006 Specialisation In Paediatric, Child And Youth Health Nursing

## ■ Graduate Certificate in Public Health (PU30)

**Award title:** Graduate Certificate in Public Health

**Location:** Kelvin Grove

**Course duration (full-time):** 1 Semester

**Course duration (external):** 1 Semester

**Total credit points:** 48

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Elizabeth Parker

### Entry Requirements

Applicants must have an approved bachelor degree from a recognised institution or a basic professional qualification plus at least 1-2 years relevant post-qualification experience and/or training.

### Course Structure

The course consists of 4 core units (48 credit points) from the Master of Public Health (PU85)/Graduate Diploma in Public Health (PU60). The program is taught by a consortium of universities with each of QUT, Griffith University and University of Queensland offering one of the core units. The fourth unit is a statistics unit which can be selected from a list offered by each of the Universities.

### Course Pathways/Articulation

This course fully articulates into PU60 Graduate Diploma in Public Health and PU85 Master of Public Health.

### Course structure

#### Semester 1

PUN692 Health Care Delivery Systems  
PUN702 Social And Behavioural Determinants Of Health  
PUN743 Introduction To Epidemiology  
PUN105 Health Statistics  
or alternative for PUN105

## ■ Graduate Certificate in Road Safety (PY40)

**Award title:** Graduate Certificate in Road Safety

**CRICOS code:** 040334B

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 1 Semester

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Mr Barry Watson

### Course Structure

The Graduate Certificate in Road Safety consists of two core units plus two electives. The units are modularised for delivery either in a semester block, or in a series of weekends, or as an intensive week-long offering.

#### Year 1, Semester 1

PYP401 Introduction To Road Safety  
And one of the following units:

PYP402 Traffic Psychology And Behaviour  
CEP127 Road And Traffic Engineering

#### Year 1, Semester 2

PYP406 Road Safety Theory To Practice  
PYP404 Applying Traffic Psychology

The above units can be replaced with one or two units offered in Summer Program

#### Year 1, Summer Program

PYP405 Road Safety Evaluation Models  
CEP151 Road Safety Audit - Principles and Practice

Consideration will be given to offering core or elective units in block mode, as demand warrants

\*This unit is conducted jointly by QUT and Main Roads and may be offered at other times of the year, subject to demand.

## ■ Graduate Certificate in Rugby Studies (HM34)

**Award title:** Graduate Certificate in Rugby Studies

**Location:** Kelvin Grove

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Graham Costin

### Entry Requirements

Applicants must hold an appropriate Bachelor degree in Human Movement Studies, Exercise and Sports Science, Physical Education or equivalent.

Other qualifications and/or at least 5 years of full-time work experience acceptable to the Dean will also be considered, as will requests for credit transfer and advanced standing.

### Articulation

The Graduate Certificate in Rugby Studies will articulate fully with the Graduate Diploma in Health Science and the Master of Health Science degrees.

### Part-time Course structure

#### Semester 1

HMP389 Assessment In Sport

HMP385 Sport Practicum

#### Semester 2

HMP380 Sport Across The Lifespan

HMP383 Sport Studies Project

## ■ Graduate Certificate in Sports Studies (HM38)

**Award title:** Graduate Certificate in Sports Studies

**Location:** Kelvin Grove

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Graham Costin

### Entry requirements

An appropriate Bachelor degree in Human Movement Studies, or equivalent; or other qualifications or appropriate work experience acceptable to the Dean.

Requests for credit transfer and advanced standing will be considered.

### Part-time Course structure

#### Semester 1

HMP385 Sport Practicum

HMP389 Assessment In Sport

#### Semester 2

HMP380 Sport Across The Lifespan

HMP383 Sport Studies Project

## ■ Graduate Certificate in Women's Health (NS36)

**Award title:** Graduate Certificate in Women's Health

**Location:** Kelvin Grove

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Debra Anderson

### Course Pathways/Articulation

The Graduate Certificate in Women's Health has full articulation with NS64 Graduate Diploma in Nursing and NS85 Master of Nursing, and HL68 Graduate Diploma in Health Science and HL88 Master of Health Science.

The Graduate Certificate in Women's Health can be undertaken by internal or external mode. Mid-year entry is available.

### Part-time Course structure

#### Year 1, Semester 1

NSN517 Women's Health Issues

Elective Unit or any other 12 credit point postgraduate unit offered by the Faculty of Health for which the student has the necessary pre-requisites

#### Year 1, Semester 2

NSN509 Special Topic

NSN516 Sexual Reproductive Health

#### Elective List

HLN405 Qualitative Research

HLN705 Introduction To Quantitative Research Methods

NSN002 Key Issues In Child And Youth Health Nursing

NSN508 Advanced Readings In Nursing

NSN622 Contexts Of Community Practice

NSN701 Advanced Health Assessment

NSN721 Key Issues In Acute And Critical Care Nursing

NSN801 Health Assessment In Aged Care

NSN821 Key Issues In Aged Care

Students studying NSN002 Key Issues in Acute and Critical Care Nursing must be working at 0.6 FTE in a Critical Care, Medical/Surgical or Cancer Care Setting, or be required to undertake additional clinical experiences to meet the requirements of the unit.

## ■ Bachelor of Applied Science (Honours) (HL52)

**Award title:** Bachelor of Applied Science (Honours)

**CRICOS code:** 016356G

**Location:** Kelvin Grove

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Assoc Prof Jan Lovie-Kitchin

### Entry requirements

Applicants should have completed QUT's Bachelor of Applied Science/Bachelor of Health Science in a relevant area, or equivalent and have attained a grade point average (GPA) of at least 5.0 over the pass degree.

Application should be made at the end of the final year of the pass degree or within 18 months of completing that degree.

If applicants do not satisfy the normal entry requirements but have demonstrated outstanding performance in only the final year of a degree, or their application is based on other factors including work experience or involvement in research, they may be admitted at the discretion of the Dean.

### Part-time Course structure

#### Year 1, Semester 1

Select one of the following units:

HLN706 Advanced Quantitative Research Methods

HLN405 Qualitative Research

PUN105 Health Statistics

AND

One elective unit

#### Year 1, Semester 2

HLP101 Advanced Discipline Readings

HLP103 Dissertation

#### Year 2, Semester 1

HLP103 Dissertation

HLP103 Dissertation

#### Year 2, Semester 2

HLP102 Research Seminars

HLP103 Dissertation

## ■ Bachelor of Health Science (Honours) (HL55)

**Award title:** Bachelor of Health Science (Honours)

**CRICOS code:** 027284E

**Location:** Kelvin Grove

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Assoc Prof Jan Lovie-Kitchin

### Entry requirements

Applicants should have completed QUT's Bachelor of Applied Science/Bachelor of Health Science in a relevant area, or equivalent and have attained a grade point average (GPA) of at least 5.0 over the pass degree.

Application should be made at the end of the final year of the pass degree or within 18 months of completing that degree.

If applicants do not satisfy the normal entry requirements but have demonstrated outstanding performance in only the final year of a degree, or their application is based on other factors including work experience or involvement in research, they may be admitted at the discretion of the Dean.

### Full-time Course structure

#### Year 1, Semester 1

HLP101 Advanced Discipline Readings

HLP103 Dissertation

Select one of the following units:

HLN405 Qualitative Research

HLN706 Advanced Quantitative Research Methods

PUN105 Health Statistics

AND

One Elective Unit

#### Year 1, Semester 2

HLP102 Research Seminars

HLP103 Dissertation

HLP103 Dissertation

HLP103 Dissertation

#### Electives

Students undertake a 12 credit point elective. This may be selected from any honours or postgraduate program offered by the University, subject to prerequisite requirements and with the approval of the students supervisor and the course coordinator. Normally the elective unit is chosen from within the student's discipline area or from an area that complements or is germane to the students study program. For further information on available units contact the relevant school honours coordinator. Students may also select either HLN405 Qualitative Research or HLN706 Advanced Quantitative Research Methods or MAN009 Experimental Design and Statistical Analysis for Research as an elective.

#### Dissertation

The Dissertation is one unit valued at 48 credit points and represents 50 per cent of the Honours course. Work on the dissertation commences during semester 1 (full-time mode) or semester 2 (part-time mode) and is completed over the course of the program. Preparation and presentation of the Dissertation is completed under the guidance of a supervisor.

### Part-time Course structure

#### Year 1, Semester 1

Select one of the following units:

HLN706 Advanced Quantitative Research Methods

HLN405 Qualitative Research

PUN105 Health Statistics

AND

One elective unit

#### Year 1, Semester 2

HLP101 Advanced Discipline Readings

HLP103 Dissertation

#### Year 2, Semester 1

HLP103 Dissertation

HLP103 Dissertation

#### Year 2, Semester 2

HLP102 Research Seminars

HLP103 Dissertation

## ■ Bachelor of Nursing (Honours) (HL50)

**Award title:** Bachelor of Nursing (Honours)

**CRICOS code:** 016355G

**Location:** Kelvin Grove

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Assoc Prof Jan Lovie-Kitchin

### Entry requirements

Applicants should have completed QUT's Bachelor of Nursing (NS40, NS48) or equivalent and have attained a grade point average (GPA) of at least 5.0 over the pass degree.

Application should be made at the end of the final year of the pass degree or within 18 months of completing that degree.

If applicants do not satisfy the normal entry requirements but have demonstrated outstanding performance in only the final year of a degree, or their application is based on other factors including work experience or involvement in research, they may be admitted at the discretion of the Dean.

### Full-time Course structure

#### Year 1, Semester 1

HLP101 Advanced Discipline Readings

HLP103 Dissertation

Select one of the following units:

HLN405 Qualitative Research

HLN706 Advanced Quantitative Research Methods

PUN105 Health Statistics

AND

One Elective Unit

#### Year 1, Semester 2

HLP102 Research Seminars

HLP103 Dissertation

HLP103 Dissertation

HLP103 Dissertation

#### Electives

Students undertake a 12 credit point elective. This may be selected from any honours or postgraduate program offered by the University, subject to prerequisite requirements and with the approval of the students supervisor and the course coordinator. Normally the elective unit is chosen from within the student's discipline area or from an area that complements or is germane to the students study program. For further information on available units contact the relevant school honours coordinator. Students may also select either HLN405 Qualitative Research or HLN706 Advanced Quantitative Research Methods or MAN009 Experimental Design and Statistical Analysis for Research as an elective.

#### Dissertation

The Dissertation is one unit valued at 48 credit points and represents 50 per cent of the Honours course. Work on the dissertation commences during semester 1 (full-time mode) or semester 2 (part-time mode) and is completed over the course of the program. Preparation and presentation of the Dissertation is completed under the guidance of a supervisor.

### Part-time Course structure

#### Year 1, Semester 1

Select one of the following units:

HLN706 Advanced Quantitative Research Methods

HLN405 Qualitative Research

PUN105 Health Statistics

AND

One elective unit

#### Year 1, Semester 2

HLP101 Advanced Discipline Readings

HLP103 Dissertation

#### Year 2, Semester 1

HLP103 Dissertation

HLP103 Dissertation

#### Year 2, Semester 2

HLP102 Research Seminars

HLP103 Dissertation

## ■ Bachelor of Psychology (Honours) (PY09)

**Award title:** Bachelor of Psychology (Honours)

**CRICOS code:** 034711K

**Location:** Carseldine

**Course duration (full-time):** 2 Semesters

**Course duration (part-time):** 4 Semesters (may not be available by evening study)

**Total credit points:** 96

**Course coordinator:** Dr Renata Meuter

### Entry requirements

An undergraduate degree majoring in Psychology through a degree program recognised for accreditation purposes by the Australian Psychological Society (APS). Specifically, entry into the Honours program can be gained after completion to the required standard of one of the following:

- (i) Bachelor of Psychology, Bachelor of Social Science (Psychology)
- (ii) other approved courses in Psychology accredited by the Australian Psychological Society.

### Internal Applicants

For applicants with a QUT Bachelor's award, the base level requirements for consideration for inclusion in the Honours program will be:

- a minimum Grade Point Average of 5 in the overall undergraduate degree program
- a minimum overall Grade Point Average of 5 in nine prescribed second and third year Psychology subjects or their equivalent, specifically:
  - PYB203 Developmental Psychology
  - PYB205 Social Psychology
  - PYB201 Perception
  - PYB303 Cognitive Psychology
  - PYB304 Physiological Psychology
  - PYB306 Personality and Psychopathology
  - PYB311 Psychological Assessment
  - PYB210 Research Design and Data Analysis
  - PYB350 Advanced Statistical Analysis

### External Applicants

For applicants with Bachelor's awards other than from QUT, similar requirements will be expected.

They will also be required to provide certified copies of complete academic transcripts and evidence of their eligibility to undertake an Honours program at their home institution.

Both internal and external applicants who reach the minimum criteria as outlined above may be required to undertake a further selection process.

### Full-time Course Structure

#### Year 1 Semester 1

PYB400/1 Thesis - Part 1  
 PYB401 Advanced Research Methods  
 Two Elective Units

#### Year 1 Semester 2

PYB400/2 Thesis - Part 2  
 PYB400/3 Thesis - Part 3  
 PYB400/4 Thesis - Part 4  
 PYB407 Research and Professional Development Seminar

### Part-time Course Structure

#### Year 1 Semester 1

PYB401 Advanced Research Methods  
 One Elective Unit

#### Year 1 Semester 2

PYB400/1 Thesis - Part 1  
 PYB407 Research and Professional Development Seminar

#### Year 2 Semester 1

PYB400/2 Thesis - Part 2  
 One Elective Unit

#### Year 2 Semester 2

PYB400/3 Thesis - Part 3

PYB400/4 Thesis - Part 4

### Elective Units

PYB402 Counselling Psychology  
 PYB403 Cognitive Neuropsychology  
 PYB404 Issues in Social Development Psychology  
 PYB405 Advanced Organisational Psychology

## ■ Bachelor of Applied Science (Exercise and Sports Nutrition) (HM45)

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Graham Costin ; Phone: +61-7-3864 3277; Email: g.costin@qut.edu.au

### Course structure

#### Year 1, Semester 1

HMB171 Fitness Health And Wellness  
 HMB313 Socio-Cultural Foundations Of Physical Activity  
 LSB131 Anatomy  
 PUB474 Food Studies

#### Year 1, Semester 2

LSB231 Physiology  
 PCB142 Chemistry 1  
 PUB201 Food and Nutrition  
 PYB012 Psychology

#### Year 2, Semester 1

HMB271 Foundations Of Motor Control, Learning And Development  
 HMB273 Bioenergetics And Muscle Physiology In Exercise  
 HMB274 Functional Anatomy  
 PUB341 Nutrition Education

#### Year 2, Semester 2

HMB272 Biomechanics  
 HMB275 Exercise And Sport Psychology  
 HMB382 Principles Of Exercise Prescription  
 PCB242 Chemistry 2

#### Year 3, Semester 1

HMB277 Exercise And Sport Nutrition  
 HMB470 Practicum 1  
 LSB308 Biochemistry  
 PUB509 Nutrition

#### Year 3, Semester 2

HMB471 Project 1  
 PUB405 Nutrition Science  
 PUB501 Applied Counselling For Health Professionals  
 PUB875 Professional Practice

## ■ Bachelor of Applied Science (Human Movement Studies) (HM42)

**Award title:** Bachelor of Applied Science (Human Movement Studies)

**CRICOS code:** 012659B

**Location:** Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Graham Costin

### Professional Membership

Graduates are eligible for membership of the Australian Association for Exercise and Sports Science.

### Special Course Requirements

Students must complete units totalling 384 credit points including foundation units, a major and a minor study, elective units, practicum experiences and fourth-year studies.

A major (10 units-120 credit points) must be completed in the specified discipline area of Exercise and Sport Science. This includes six compulsory second-level units (72 credit points), two compulsory third-level units (HMB379 and HMB382) (24 credit



points), a Practicum unit (HMB470) (12 credit points) and one additional third-level unit (12 credit points).

As a professional degree, the program has a number of compulsory practicum experiences throughout the first two years in preparation for the third year practicum and substantive practicum period in Year 4.

Two minors must be completed. One minor (48 credit points) consisting of four units from level three Human Movement Electives. The second minor (48 credit points) may be undertaken from any approved discipline within QUT. It should consist of at least two units from level two and three.

The degree may be awarded with Honours: First Class Honours; Second Class Honours Division A; and Second Class Honours Division B. Candidates for the degree with Honours must fulfil the requirements for the pass degree and achieve such a standard of proficiency in all the units of the course as may from time to time be determined by the Health Academic Board and approved by the University Academic Board.

### Full-time Course structure

#### Year 1, Semester 1

HMB171 Fitness Health And Wellness  
HMB313 Socio-Cultural Foundations Of Physical Activity  
LSB131 Anatomy  
PYB012 Psychology

#### Year 1, Semester 2

LSB231 Physiology  
HMB272 Biomechanics  
HMB275 Exercise And Sport Psychology  
HMB172 Nutrition And Physical Activity

#### Year 2, Semester 1

HMB271 Foundations Of Motor Control, Learning And Development  
HMB273 Biomechanics And Muscle Physiology In Exercise  
HMB274 Functional Anatomy  
Major or Minor or Elective

#### Year 2, Semester 2

HMB276 Research In Human Movement  
PYB007 Interpersonal Processes And Skills  
HMB382 Principles Of Exercise Prescription  
Major or Minor or Elective

#### Year 3, Semester 1

HMB379 Disorders Of Human Movement  
Minor Study or Elective  
HMB470 Practicum 1  
Major or Minor or Elective

#### Year 3, Semester 2

HMB470 Practicum 1  
Major or Minor or Elective  
Major or Minor or Elective  
Major or Minor or Elective

#### Year 4, Semester 1

HMB471 Project 1  
Major or Elective  
Major or Elective  
Major or Elective

#### Year 4, Semester 2

HMB472 Project 2  
HMB475 Practicum 2

### Third Level Units

All third level units are not available in every semester. Students should consult School notice-boards for availability.

HMB277 Exercise And Sport Nutrition  
HMB361 Functional Anatomy 2  
HMB362 Biomechanics 2  
HMB363 Independent Study  
HMB364 Seminars In Human Movement  
HMB371 Motor Control And Learning 2  
HMB379 Disorders Of Human Movement  
HMB374 Psychology Of Rehabilitation  
HMB375 Adapted Physical Activity  
HMB376 Motor Development In Children  
HMB377 Children In Sport  
HMB381 Cardiovascular And Pulmonary Physiology In Exercise  
HMB383 Workplace Health  
HMB384 Injury Prevention And Rehabilitation

HMB480 Advanced Exercise Prescription

HMB379 is compulsory for students who first enrolled in HM42 in 1998 or later.

Students who have successfully completed 288 credit points and have met the general requirements for a three year degree, may graduate with a Bachelor of Applied Science after seeking approval through the School of Human Movement Studies Student Affairs Officer on (07) 3864 5846.

## ■ Bachelor of Applied Science (Optometry) (OP42)

**Award title:** Bachelor of Applied Science (Optometry)

**CRICOS code:** 009031J

**Location:** Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Assoc Prof Peter Swann

### Professional Membership

In each State and Territory of Australia, the practice of optometry is regulated by Boards of Optometrical Registration which are statutory bodies set up under the Acts of the respective State Parliaments. Under these Acts, the practice of optometry is restricted to persons whose names appear on the Register. On completion of the degree at QUT, the graduate will have satisfied the requirements of the Optometrists' Board of Queensland and may apply for registration to practise as an optometrist in Queensland and all States and Territories of Australia.

### Special Course Requirements

The degree may be awarded with Honours, First Class Honours, Second Class Honours Division A and Second Class Honours Division B. Candidates for the degree with Honours must fulfil the requirements for the pass degree and achieve such standard of proficiency in all the units of the course as may from time to time be determined by the Health Academic Board.

Ophthalmic instruments are required by students for the clinical program from the beginning of the second and third years of the course. Academic staff provide advice regarding the purchase of these instruments. Costs are estimated to be \$5000. Students are also required to undertake first aid certification before entering the clinical program.

### Course structure

#### Year 1 Semester 1

LSB119 Life Science for Optometrists  
LSB152 Anatomy  
MAB140 Quantitative Methods for Optometry and Health Science  
PCB141 Chemistry for Clinical Health Professionals

#### Year 1 Semester 2

LSB275 Biomolecular Science  
LSB250 Human Physiology  
OPB250  
PCB240 Optics 1

#### Year 2 Semester 1

OPB350 Optometry 3  
PCB340 Optics 3  
OPB351 Visual Science 3  
OPB352 Ocular Anatomy And Physiology 3

#### Year 2 Semester 2

OPB450 Optometry 4  
LSB492 Microbiology 3  
OPB451 Visual Science 4  
OPB452 Ocular Anatomy and Physiology 4

#### Year 3 Semester 1

OPB550 Diseases Of The Eye 5  
OPB551 Optometry 5  
OPB552 Advanced Optometry 5  
OPB553 Clinical Practice 5

#### Year 3 Semester 2

OPB650 Diseases of the Eye 6  
OPB651 Contact Lens Studies  
OPB652 Pharmacology  
OPB653 Clinical Practice 6

**Year 4 Semester 1**

OPB750	Topics In Optometry 7
OPB751	Advanced Optometry 7
OPB752	Clinical Practice 7
OPB753	Specialist Clinical Practice 7

**Year 4 Semester 2**

OPB850	Topics in Optometry 8
OPB851	Advanced Optometry 8
OPB852	Clinical Practice 8
OPB853	Specialist Clinical Practice 8

## ■ Bachelor of Behavioural Science (Psychology) (PY45)

**Award title:** Bachelor of Behavioural Science (Psychology)

**Location:** Carseldine

**Course duration (full-time):** 3 years

**Course duration (part-time):** 6 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

### Professional Membership

The Bachelor of Behavioural Science (Psychology)\* provides students with a degree accredited by the Australian Psychological Society.

### Full-time Course structure

**Semester 1**

PYB000	Applied Skills and Scholarship (Psychology)
HHB104	Understanding Society: Intro. To Sociology
PYB101	Introduction To Psychology 1a
PYB007	Interpersonal Processes And Skills

**Semester 2**

PYB110	Psychological Research Methods
PYB102	Introduction To Psychology 1b
PYB208	Counselling Theory And Practice 1
	Elective

**Semester 3**

PYB205	Social Psychology
	Elective
PYB210	Research And Design And Data Analysis
	Elective

**Semester 4**

PYB201	Perception
PYB203	Developmental Psychology
PYB206	Personality
	Elective

**Semester 5**

PYB302	Industrial and Organisational Psychology
PYB303	Cognitive Psychology
PYB304	Cognitive Neuropsychology
	Elective

**Semester 6**

PYB306	Psychopathology
PYB311	Psychological Assessment
	Elective
	Elective**

\*An elective has been placed in the enrolment program for Semester 2. In consultation with the Course Coordinator this may be changed later to any first year elective from a course in QUT. Details will be finalised during Orientation.

\*\*PYB350 is compulsory if you wish to continue into the Bachelor of Psychology (Honours) program. Otherwise another elective can be taken.

### Part-time Course structure

**Semester 1**

PYB101	Introduction To Psychology 1a
PYB000	Applied Skills and Scholarship (Psychology)

**Semester 2**

PYB102	Introduction To Psychology 1b
PYB110	Psychological Research Methods

**Semester 3**

HHB104	Understanding Society: Intro. To Sociology
PYB007	Interpersonal Processes And Skills

**Semester 4**

PYB208	Counselling Theory And Practice 1
	Elective

**Semester 5**

PYB205	Social Psychology
PYB210	Research And Design And Data Analysis

**Semester 6**

PYB203	Developmental Psychology
PYB201	Perception

**Semester 7**

	Elective
	Elective

**Semester 8**

PYB206	Personality
	Elective

**Semester 9**

PYB303	Cognitive Psychology
	Elective

**Semester 10**

PYB306	Psychopathology
PYB311	Psychological Assessment

**Semester 11**

PYB304	Cognitive Neuropsychology
PYB302	Industrial and Organisational Psychology

**Semester 12**

	Elective
	Elective*

\*PYB350 is compulsory if you wish to continue into the Bachelor of Psychology (Honours) program. Otherwise another elective can be taken.

### Psychology Electives

The following electives are offered in the Psychology program to enable diversity of choice at undergraduate and early postgraduate level and to allow innovative approaches to current and perceived community needs. However, such electives will be offered subject to staff availability and sufficient student enrolment to justify running the unit.

PYB050	Qualitative Research Methods
PYB054	Psychology And Gender
PYB067	Human Sexuality
PYB158	Introduction To Substance Abuse In Australia
PYB159	Alcohol And Other Drug Studies
PYB250	Environmental Psychology
PYB257	Group Work
PYB258	Introduction To Theory And Research In Hypnosis
PYB260	Psychopharmacology of Addictive Behaviour
PYB353	Occupational And Vocational Psych
PYB356	Counselling Theory And Practice 2
PYB358	Advanced Developmental Psychology
PYB359	Introduction To Family Therapy
PYB360	Interventions For Addictive Behaviours
PYB371	Introduction To Road Safety
PYB372	Traffic Psychology And Behaviour
PYB374	Applying Traffic Psychology
PYB350	Advanced Statistical Analysis
	(essential for intending Honours students)

The Course Coordinator may approve other electives. Students may wish to develop a major or minor sequence in any other School of the University, particularly within courses that have relevance to Psychology. Details of approved minors in health, science, business, education, justice, humanities, and human movement studies can be found in the School Handbook available from the School Office and on the web at <http://www.hlth.qut.edu.au/psyc/>

## ■ Bachelor of Health Science (Environmental Health or Health, Safety and Environment) (PU40)

**Award title:** Bachelor of Health Science (Study Area A)

**CRICOS code:** 022142D

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Mrs Melinda Service

**Discipline coordinator:** Environmental Health, Health, Safety and Environment: Mr Terry Farr

**Other Majors**

See also the separate entries for the following majors in this course: Health Information Management or Health Services Management; Nutrition; or Public Health.

**Course Structure**

Students take a common first year and after successful completion of year one, select either the Environmental Health or the Health, Safety and Environment major to complete their degree. Applicants with previous science or health studies may be eligible for advanced standing.

**Professional Membership****Environmental Health**

Graduates of Bachelor of Health Science (Environmental Health) are eligible for membership of the Australian Institute of Environmental Health, Environment Institute of Australia, Public Health Association of Australia and the Australian Health Promotion Association.

**Health, Safety and Environment**

Once graduates of Bachelor of Health Science (Health, Safety and Environment) have completed a period of work experience they will be eligible for membership of the Safety Institute of Australia\*, the Ergonomics Society of Australia and the Australian Institute of Occupational Hygienists. Graduates will also be eligible for membership of the Public Health Association of Australia and the Australian Health Promotion Association. They also meet the statutory requirements for recognition as Workplace Health and Safety Officers under the Workplace Health and Safety Act.

\* The Safety Institute of Australia is the largest body representing health and safety professionals in Australia.

**Environmental Health Full-time Course Structure****Year 1, Semester 1**

LSB142 Human Anatomy and Physiology  
PUB107 Sustainable Environments For Health  
PUB112 Workplace Health And Safety  
PCB101 Physical Science

OR

PCB150 Physics 1H

**Year 1, Semester 2**

PCB142 Chemistry 1  
PCB242 Chemistry 2  
PCB263 Physics 2E  
PUB251 Contemporary Public Health

**Year 2, Semester 1**

LSB118 Life Science  
PUB308 Environmental Health Fundamentals  
PUB314 Epidemiology And Statistics  
PUB474 Food Studies

OR

NRB300 Environmental Monitoring

**Year 2, Semester 2**

LSB415 Microbiology  
PUB400 Environmental Protection  
PUB409 Communicable Disease: Prevention And Control  
PUB406 Health Promotion Strategies

OR

PUB407 Environmental Pollution

OR

NRB300 Environmental Monitoring

**Year 3, Semester 1**

PUB510 Legal Framework for Environmental Health Practice  
PUB517 Food Hygiene Studies

Choose two from:

PUB506 Foodservice Management  
PUB511 Health Policy, Planning And Evaluation  
PUB515 Environmental Toxicology

**Year 3, Semester 2**

PUB316 Research Methods  
PUB604 Policy And Management Principles For Environmental Health  
PUB611 Risk Management

PUB630 Environmental Health Practice

**Health, Safety And Environment Full-time Course Structure****Year 1, Semester 1**

LSB142 Human Anatomy and Physiology  
PUB107 Sustainable Environments For Health  
PUB112 Workplace Health And Safety  
PCB101 Physical Science

OR

PCB150 Physics 1H

**Year 1, Semester 2**

PCB142 Chemistry 1  
PCB242 Chemistry 2  
PCB263 Physics 2E  
PUB251 Contemporary Public Health

**Year 2, Semester 1**

MEB036 Safety Technology 1  
NRB100 Environmental Science  
PUB314 Epidemiology And Statistics  
PUB354 Occupational Health

**Year 2, Semester 2**

PCB404 Scientific Principles of Safety  
PCB414 Industrial and Environmental Analytical Chemistry  
PUB400 Environmental Protection  
PUB408 Physical Ergonomics

**Year 3, Semester 1**

NRB300 Environmental Monitoring  
PUB515 Environmental Toxicology  
PUB521 Health Safety & Environment Practice 1  
PYB057 Applied Cognitive Psychology

**Year 3, Semester 2**

PUB316 Research Methods  
PUB611 Risk Management  
PUB616 Health, Safety & Environment Practice 2  
PUB636 Occupational Hygiene

**■ Bachelor of Health Science (Environmental Health or Health, Safety and Environment) - Graduate Entry (PU40)**

**Award title:** Bachelor of Health Science (Study Area A)

**Location:** Kelvin Grove

**Course duration (full-time):** 1.5 to 2 years

**Standard credit points per semester (full-time):** 48 credit points

**Course coordinator:** Melinda Service

**Discipline coordinator:** Environmental Health: Mr Terry Farr; Health, Safety and Environment: Mr Terry Farr.

**Entry Requirements**

Applicants must have completed either a science or health science degree (or equivalent) including successful completion of introductory units (or equivalent) in the areas of chemistry, biochemistry/microbiology, and human anatomy and physiology within the past 10 years.

**Course Structure**

Applicants should refer to the PU40 Bachelor of Health Science (Environmental Health or Health, Safety and Environment) information for course structure. One to one and a half years credit may be granted to student who have completed an appropriate undergraduate degree.

**Professional Membership****Environmental Health**

Graduates of Bachelor of Health Science (Environmental Health) are eligible for membership of the Australian Institute of Environmental Health, Environment Institute of Australia, Public Health Association of Australia and the Australian Health Promotion Association.

**Health, Safety and Environment**

Once graduates of Bachelor of Health Science (Health, Safety and Environment) have completed a period of work experience

they will be eligible for membership of the Safety Institute of Australia\*, the Ergonomics Society of Australia and the Australian Institute of Occupational Hygienists.

Graduates will also be eligible for membership of the Public Health Association of Australia and the Australian Health Promotion Association.

They also meet the statutory requirements for recognition as Workplace Health and Safety Officers under the Workplace Health and Safety Act.

\* The Safety Institute of Australia is the largest body representing health and safety professionals in Australia.

## ■ Bachelor of Health Science (Health Information Management or Health Services Management) (PU40)

**Award title:** Bachelor of Health Science (Study Area A)

**CRICOS code:** 022142D

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Mrs Melinda Service

**Discipline coordinator:** Health Information Management: Dr Josie Di Donato; Health Services Management: Dr Josie Di Donato

### Other Majors

See also the separate entries for the following majors in this course: Environmental Health or Health, Safety and Environment; Nutrition; or Public Health.

### Professional Membership

#### Health Information Management

Graduates of the Bachelor of Health Science (Health Information Management) are eligible for membership of the Health Information Management Association of Australia, the Clinical Coders Society of Australia, and the Australian College of Health Service Executives.

#### Health Services Management

Graduates of the Bachelor of Health Science (Health Services Management) are eligible for membership of the Australian College of Health Service Executives.

### Health Information Management Full-time Course Structure

#### Year 1, Semester 1

PUB104 Introduction To Health Services Management  
PUB108 Information Management for Health  
PUB118 Computer Systems for Health Management  
PUB220 Medical Terminology

#### Year 1, Semester 2

LSB475 Disease Processes 4  
LWS001 Medicine And The Law  
PUB251 Contemporary Public Health  
PYB086 Interpersonal And Group Processes

#### Year 2, Semester 1

BSB115 Management, People And Organisations  
LSB142 Human Anatomy and Physiology  
PUB326 Epidemiology  
PUB398 Health Information Services

#### Year 2, Semester 2

MGB207 Human Resource Issues And Strategy  
PUB356 Clinical Classification 1  
PUB480 Health Administration Finance  
PUB490 Quality Management in Health

#### Year 3, Semester 1

PUB380 Casemix Management  
PUB511 Health Policy, Planning And Evaluation  
PUB514 Contract/Project Management  
PUB558 Medical Documentation & Abstraction for Classification

#### Year 3, Semester 2

PUB609 Health Resource Allocation  
PUB633 Health Informatics  
PUB669 Management of Health Information Services  
PUB875 Professional Practice

### Health Services Management Full-time Course Structure

#### Year 1, Semester 1

LSB111 Health and Disease Concepts  
PUB104 Introduction To Health Services Management  
PUB107 Sustainable Environments For Health  
PUB251 Contemporary Public Health

#### Year 1, Semester 2

BSB115 Management, People And Organisations  
LWS001 Medicine And The Law  
PUB209 Health, Culture and Society  
PYB012 Psychology

#### Year 2, Semester 1

PUB326 Epidemiology  
PUB380 Casemix Management  
Major 2 Or Minor 1  
Major 2 Or Minor 2 Or Elective

#### Year 2, Semester 2

PUB480 Health Administration Finance  
PUB490 Quality Management in Health  
Major 2 Or Minor 1  
Major 2 Or Minor 2 Or Elective

#### Year 3, Semester 1

PUB511 Health Policy, Planning And Evaluation  
PUB514 Contract/Project Management  
Major 2 Or Minor 1  
Major 2 Or Minor 2 Or Elective

#### Year 3, Semester 2

PUB609 Health Resource Allocation  
PUB875 Professional Practice  
Major 2 Or Minor 1  
Major 2 Or Minor 2 Or Elective

### Minor Elective Lists

Students undertaking the Health Services Management or Public Health majors of PU40 can elect to take a second major (96 credit points), in either Environmental Health, Health Safety and Environment, Health Services Management or Public Health.

Suggested minors ( 48 credit points) are listed below. Minors chosen outside this list may be selected subject to the definition appearing in the Course Rules, the applicability to the major, and the approval of the Course Coordinator.

Free electives can be chosen subject to prerequisite requirements.

#### Environmental Health

LSB415 Microbiology  
PUB107 Sustainable Environments For Health  
PUB517 Food Hygiene Studies  
PUB400 Environmental Protection

OR

PUB409 Communicable Disease: Prevention And Control

#### Community Nutrition

PUB341 Nutrition Education  
PUB474 Food Studies  
PUB509 Nutrition  
PUB632 Independent Study

#### Consumer and Family Studies

HHB114 Introduction To Human Rights And Ethics  
PUB105 Introduction To Family Studies  
PUB117 Introduction To Consumer Studies  
PYB086 Interpersonal And Group Processes

#### Health Education

SPB023 Adult Learning And Development  
PUB329 Foundations Of Health Studies And Health Behaviour  
PUB406 Health Promotion Strategies  
PYB086 Interpersonal And Group Processes

#### Indigenous Health

HHB254 Indigenous Australian Culture Studies  
PUB326 Epidemiology  
PUB406 Health Promotion Strategies  
PUB557 Health Needs Of Indigenous Australians And Other Populations

#### Occupational Health and Safety

PUB112 Workplace Health And Safety

PUB354 Occupational Health  
 PUB611 Risk Management  
 PUB632 Independent Study

#### **Women's Health**

PUB326 Epidemiology  
 PUB336 Women's Health  
 PUB632 Independent Study  
 PYB054 Psychology And Gender

## ■ Bachelor of Health Science (Nutrition and Dietetics) (PU43)

**Award title:** Bachelor of Health Science (Nutrition and Dietetics)

**CRICOS code:** 022143C

**Location:** Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Mrs Melinda Service

**Discipline coordinator:** Dr Philippa Lyons-Wall

### **Other Majors**

See also the separate entry for the following major in this course:  
 Podiatry.

### **Professional Membership**

Graduates are eligible for membership of the Dietitians Association of Australia, and may enrol in the APD (Accredited Practising Dietitian Program). They are also eligible for membership of the Public Health Association of Australia, the Australian Health Promotion Association, Sports Dietitian Association, and Sports Medicine Australia.

### **Full-time Course Structure**

#### **Year 1, Semester 1**

PCB142 Chemistry 1  
 PUB104 Introduction To Health Services Management  
 PUB251 Contemporary Public Health  
 PUB474 Food Studies

#### **Year 1, Semester 2**

LSB255 Human Anatomy  
 PCB242 Chemistry 2  
 PUB201 Food and Nutrition  
 PYB012 Psychology

#### **Year 2, Semester 1**

LSB308 Biochemistry  
 LSB358 Physiology 1  
 PUB326 Epidemiology  
 PUB341 Nutrition Education

#### **Year 2, Semester 2**

LSB408 Metabolism  
 LSB458 Physiology 2  
 PUB405 Nutrition Science  
 LSB658 Clinical Physiology  
 OR  
 Elective\*

#### **Year 3, Semester 1**

PUB506 Foodservice Management  
 PUB509 Nutrition  
 PUB541 Medical Nutrition Therapy 1  
 HMB273 Bioenergetics And Muscle Physiology In Exercise  
 OR  
 Elective\*

#### **Year 3, Semester 2**

PUB501 Applied Counselling For Health Professionals  
 PUB628 Advanced Food Studies  
 PUB641 Medical Nutrition Therapy 2  
 PUB875 Professional Practice

#### **Year 4, Semester 1**

PUB722 Practice In Clinical Dietetics  
 PUB824 Practice In Food Service Management  
 Minor Elective  
 Minor Elective

#### **Year 4, Semester 2**

PUB606 Dietetic Management  
 PUB823 Practice In Community Nutrition

Minor Elective

Minor Elective

\*Credentialling requirements are for four semesters of study in anatomy/physiology. Students must choose either HMB273 Bioenergetics and Muscle Physiology in Exercise or LSB658 Clinical Physiology as their fourth unit.

### **Elective Units for the Nutrition and Dietetics Major**

Students choose one elective cohesive with the chosen minor OR may make a free choice of a relevant unit. Elective units may be chosen from any degree course subject to prerequisite requirements, credit points, availability of the unit and approval of the Course Coordinator.

#### **Minor Elective Lists**

Students are required to select a minor which constitutes a coherent body of study. Examples of what constitute a minor appear below. Minor elective units are subject to prerequisite requirements, and approval of the Course Coordinator.

#### **Clinical Science**

LSB658 Clinical Physiology  
 AND  
 36 credit points selected from the following:

LSB365 Pathology  
 LSB438 Immunology 1  
 LSB415 Microbiology  
 LSB508 Advanced Metabolism  
 PUB632 Independent Study

#### **Dietetic Management**

48 credit points selected from the following:  
 LWS001 Medicine And The Law  
 PUB354 Occupational Health  
 PUB380 Casemix Management  
 PUB480 Health Administration Finance  
 PUB511 Health Policy, Planning And Evaluation

#### **Exercise**

HMB273 Bioenergetics And Muscle Physiology In Exercise  
 HMB382 Principles Of Exercise Prescription  
 24 credit points selected from the following:  
 HMB277 Exercise And Sport Nutrition  
 HMB381 Cardiovascular And Pulmonary Physiology In Exercise  
 PUB632 Independent Study

#### **Food Safety**

LSB415 Microbiology  
 PUB474 Food Studies  
 PUB506 Foodservice Management  
 PUB517 Food Hygiene Studies

#### **Health Promotion**

PUB341 Nutrition Education  
 AND 36 credit points selected from the following:  
 PUB117 Introduction To Consumer Studies  
 PUB336 Women's Health  
 PUB406 Health Promotion Strategies  
 PUB557 Health Needs Of Indigenous Australians And Other Populations

#### **Private Practice**

BSB110 Accounting  
 LWS001 Medicine And The Law  
 PUB826 Project And Professional Management  
 BSB113 Economics  
 OR  
 BSB114 Government, Business And Society  
 OR

#### **BSB126 Marketing**

#### **Public Health (Major)**

PUB201 Food and Nutrition  
 PUB251 Contemporary Public Health  
 PUB336 Women's Health  
 PUB341 Nutrition Education  
 PUB406 Health Promotion Strategies  
 PUB509 Nutrition  
 PUB557 Health Needs Of Indigenous Australians And Other Populations

#### **Research**

HLN405 Qualitative Research  
 HLN706 Advanced Quantitative Research Methods  
 PUB316 Research Methods  
 PUB632 Independent Study

## ■ Bachelor of Health Science (Nutrition and Dietetics)/Bachelor of Applied Science (Human Movement Studies) (HL42)

**Award title:** Bachelor of Health Science (Nutrition and Dietetics)/Bachelor of Applied Science (Human Movement Studies)

**CRICOS code:** 037588F

**Location:** Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Graham Costin

### Professional Membership

Graduates are eligible for membership of the Dietitians Association of Australia and may enrol in the APD (Accredited Practising Dietitian) program. Graduates are also eligible for membership in the Australian Association for Exercise and Sports Science.

### Full-time Course structure

#### Year 1, Semester 1

LSB131 Anatomy  
PCB142 Chemistry 1  
PUB251 Contemporary Public Health  
PUB474 Food Studies

#### Year 1, Semester 2

HMB171 Fitness Health And Wellness  
HMB276 Research In Human Movement  
PCB242 Chemistry 2  
PUB201 Food and Nutrition  
PYB007 Interpersonal Processes And Skills

#### Year 2, Semester 1

HMB271 Foundations Of Motor Control, Learning And Development  
HMB274 Functional Anatomy  
HMB313 Socio-Cultural Foundations Of Physical Activity  
LSB308 Biochemistry  
LSB358 Physiology 1

#### Year 2, Semester 2

HMB272 Biomechanics  
LSB408 Metabolism  
LSB458 Physiology 2  
PUB405 Nutrition Science  
PYB012 Psychology

#### Year 3, Semester 1

HMB273 Bioenergetics And Muscle Physiology In Exercise  
HMB379 Disorders Of Human Movement  
PUB326 Epidemiology  
PUB506 Foodservice Management  
PUB541 Medical Nutrition Therapy 1

#### Year 3, Semester 2

HMB382 Principles Of Exercise Prescription  
HMB275 Exercise And Sport Psychology  
PUB628 Advanced Food Studies  
PUB641 Medical Nutrition Therapy 2

#### Year 4, Semester 1

HMB471 Project 1  
HMB277 Exercise And Sport Nutrition  
PUB509 Nutrition  
Major Study (Human Movement Studies)

#### Year 4, Semester 2

HMB472 Project 2  
PUB501 Applied Counselling For Health Professionals  
PUB875 Professional Practice  
Elective

#### Year 5, Semester 1

HMB470 Practicum 1  
PUB722 Practice In Clinical Dietetics  
PUB823 Practice In Community Nutrition  
PUB824 Practice In Food Service Management

#### Year 5, Semester 2

HMB475 Practicum 2  
PUB606 Dietetic Management

### Elective Units

Elective units may be chosen from any degree course, subject to prerequisite requirements, credit points, availability of the unit and approval of the Head of School.

## ■ Bachelor of Health Science (Nutrition) (PU40)

**Award title:** Bachelor of Health Science (Nutrition)

**CRICOS code:** 022142D

**Location:** Kelvin Grove

**Course duration (full-time):** 3 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Ms Melinda Service

**Discipline coordinator:** Dr Philippa Lyons-Wall

### Other Majors

See also the separate entries for the following majors in this course: Environmental Health or Health, Safety and Environment; Health Information Management or Health Services Management; or Public Health.

### Professional Membership

Graduates are eligible for membership of the Public Health Association of Australia and the Australian Health Promotion Association.

### Full-time Course Structure

#### Year 1, Semester 1

PCB142 Chemistry 1  
PUB104 Introduction To Health Services Management  
PUB251 Contemporary Public Health  
PUB474 Food Studies

#### Year 1, Semester 2

LSB255 Human Anatomy  
PCB242 Chemistry 2  
PUB201 Food and Nutrition  
PYB012 Psychology

#### Year 2, Semester 1

LSB308 Biochemistry  
LSB358 Physiology 1  
PUB326 Epidemiology  
PUB341 Nutrition Education

#### Year 2, Semester 2

LSB408 Metabolism  
LSB458 Physiology 2  
PUB405 Nutrition Science  
Minor Elective

#### Year 3, Semester 1

PUB509 Nutrition  
PUB557 Health Needs Of Indigenous Australians And Other Populations  
Minor Elective  
Minor Elective

#### Year 3, Semester 2

PUB336 Women's Health  
PUB875 Professional Practice  
Minor Elective  
Minor Elective

### Minor Elective Lists

Students are required to select a minor which constitutes a coherent body of study. Examples of what constitutes a minor appear below. Minor elective units are subject to prerequisite requirements, and approval of the Course Coordinator.

#### Clinical Science

LSB658 Clinical Physiology  
AND

36 credit points selected from the following:

LSB365 Pathology  
LSB438 Immunology 1  
LSB415 Microbiology  
LSB508 Advanced Metabolism  
PUB632 Independent Study

#### Exercise

HMB273 Bioenergetics And Muscle Physiology In Exercise  
HMB382 Principles Of Exercise Prescription

## AND

24 credit points selected from the following:

HMB277	Exercise And Sport Nutrition
HMB381	Cardiovascular And Pulmonary Physiology In Exercise
PUB632	Independent Study

**Food Safety**

LSB415	Microbiology
PUB474	Food Studies
PUB506	Foodservice Management
PUB517	Food Hygiene Studies

**Health Promotion**

PUB341	Nutrition Education
PUB336	Women's Health
PUB406	Health Promotion Strategies
PUB557	Health Needs Of Indigenous Australians And Other Populations

**Public Health (Major)**

PUB201	Food and Nutrition
PUB251	Contemporary Public Health
PUB336	Women's Health
PUB341	Nutrition Education
PUB406	Health Promotion Strategies
PUB509	Nutrition
PUB557	Health Needs Of Indigenous Australians And Other Populations

**Research**

HLN405	Qualitative Research
HLN706	Advanced Quantitative Research Methods
PUB316	Research Methods
PUB632	Independent Study

## ■ Bachelor of Health Science (Podiatry) (PU43)

**Award title:** Bachelor of Health Science (Podiatry)

**CRICOS code:** 022143C

**Location:** Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Ms Melinda Service

**Discipline coordinator:** Mr Alan Crawford

**Other Majors**

See also the separate entry for the following major in this course:  
Nutrition and Dietetics.

**Professional Membership**

Graduates are eligible for State Registration throughout Australia. This qualification is also acceptable for registration in the United Kingdom, New Zealand and some European countries. Graduates may also become Members of the Australian Podiatry Association and are eligible to apply for membership of Sports Medicine Australia.

**Full-time Course Structure****Year 1, Semester 1**

LSB131	Anatomy
PCB141	Chemistry for Clinical Health Professionals
PUB251	Contemporary Public Health
PYB012	Psychology

**Year 1, Semester 2**

HMB272	Biomechanics
LSB235	Advanced Anatomy
LSB275	Biomolecular Science
LSB475	Disease Processes 4

**Year 2, Semester 1**

HMB274	Functional Anatomy
LSB451	Human Physiology
PUB326	Epidemiology
PUB339	Podiatric Medicine 1

**Year 2, Semester 2**

LSB492	Microbiology 3
PUB437	Pharmacology
PUB438	Medicine
PUB439	Podiatric Medicine 2

**Year 3, Semester 1**

PUB522	Podiatric Anaesthesiology
PUB537	Radiographic Image Interpretation
PUB538	Physical Medicine
PUB539	Podiatric Medicine 3

**Year 3, Semester 2**

PUB416	Research Methods
PUB635	Podiatric Surgery
PUB638	Orthopaedics & Sports Medicine
PUB639	Podiatric Medicine 4

**Year 4, Semester 1**

PUB738	Advanced Clinical Studies 1
PUB739	Podiatric Medicine 5
	Minor Elective
	Minor Elective

**Year 4, Semester 2**

PUB826	Project And Professional Management
PUB838	Advanced Clinical Studies 2
PUB839	Podiatric Medicine 6
	Minor Elective

**Minor Elective Lists**

Students are required to select a minor which constitutes a coherent body of study.

Examples of what constitute a minor appear below. Minor elective units are subject to prerequisite requirements, and approval of the Course Coordinator.

**Exercise Studies**

HMB271	Foundations Of Motor Control, Learning And Development
HMB273	Bioenergetics And Muscle Physiology In Exercise
HMB274	Functional Anatomy
HMB382	Principles Of Exercise Prescription

**Public Health**

PUB104	Introduction To Health Services Management
PUB326	Epidemiology
PUB511	Health Policy, Planning And Evaluation
PUB406	Health Promotion Strategies

**Research**

PUB326	Epidemiology
PUB416	Research Methods
PUB632	Independent Study
PUN105	Health Statistics

## ■ Bachelor of Health Science (Podiatry)/B AppSc (Human Movement Studies) (HL43)

**Award title:** B AppSc (Human Movement Studies)/Bachelor of Health Science (Podiatry)

**Location:** Kelvin Grove

**Course duration (full-time):** 5 years

**Total credit points:** 528

**Entry Requirements**

Applicants must have completed Year 12 (or equivalent).

Assumed Knowledge: English (4 SA), Chemistry (4 SA) and Maths B (4 SA).

**Career Outcomes**

This double degree prepares multi-skilled professionals who meet current requirements for employment as podiatrists and who can apply their additional knowledge and skills in human movement related fields. There is a growing field in the area of rehabilitation science where people with dual qualifications will be in demand.

**Professional Membership**

Graduates are eligible for membership of the Australian Podiatry Association and can also apply for membership of Sports Medicine Australia. Graduates are also eligible for membership in the Australian Association for Exercise and Sports Science.

**Course structure (full-time)****Year 1, Semester 1**

LSB131	Anatomy
PCB141	Chemistry for Clinical Health Professionals
PUB251	Contemporary Public Health
PYB012	Psychology

**Year 1, Semester 2**

HMB171	Fitness Health And Wellness
HMB272	Biomechanics
LSB235	Advanced Anatomy
LSB275	Biomolecular Science
LSB475	Disease Processes 4

**Year 2, Semester 1**

LSB451	Human Physiology
HMB274	Functional Anatomy
HMB313	Socio-Cultural Foundations Of Physical Activity
PUB326	Epidemiology
PUB339	Podiatric Medicine 1

**Year 2, Semester 2**

HMB172	Nutrition And Physical Activity
LSB492	Microbiology 3
PUB437	Pharmacology
PUB438	Medicine
PUB439	Podiatric Medicine 2

**Year 3, Semester 1**

HMB271	Foundations Of Motor Control, Learning And Development
HMB273	Bioenergetics And Muscle Physiology In Exercise
PUB537	Radiographic Image Interpretation
PUB539	Podiatric Medicine 3

**Year 3, Semester 2**

HMB275	Exercise And Sport Psychology
HMB276	Research In Human Movement
PUB638	Orthopaedics & Sports Medicine
PUB639	Podiatric Medicine 4

**Year 4, Semester 1**

HMB379	Disorders Of Human Movement
PUB522	Podiatric Anaesthesiology
PUB538	Physical Medicine
PUB739	Podiatric Medicine 5

**Year 4, Semester 2**

HMB382	Principles Of Exercise Prescription
HMB471	Project 1
PUB635	Podiatric Surgery
PUB826	Project And Professional Management
PUB839	Podiatric Medicine 6

**Year 5, Semester 1**

HMB470	Practicum 1
HMB472	Project 2
HMB480	Advanced Exercise Prescription
PUB738	Advanced Clinical Studies 1

**Year 5, Semester 2**

HMB475	Practicum 2
PUB838	Advanced Clinical Studies 2

## ■ Bachelor of Health Science (Public Health) (PU40)

**Award title:** Bachelor of Health Science (Public Health)

**CRICOS code:** 022142D

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Mrs Melinda Service

**Discipline coordinator:** Dr Michael Dunne

**Other Majors**

See also the separate entries for the following majors in this course: Environmental Health or Health, Safety and Environment; Health Information Management or Health Services Management; or Nutrition.

**Professional Membership**

Graduates are eligible for membership of the Public Health Association of Australia and the Australian Health Promotion Association.

**Course structure****Year 1, Semester 1**

LSB111	Health and Disease Concepts
PUB104	Introduction To Health Services Management
PUB107	Sustainable Environments For Health
PUB251	Contemporary Public Health

**Year 1, Semester 2**

BSB115	Management, People And Organisations
PUB209	Health, Culture and Society
PYB012	Psychology
PUB201	Food and Nutrition
OR	
LWS001	Medicine And The Law

**Year 2, Semester 1**

PUB326	Epidemiology
PUB329	Foundations Of Health Studies And Health Behaviour
Major 2 OR Minor 1	
Major 2 OR Minor 1 OR Elective	

**Year 2, Semester 2**

PUB416	Research Methods
PUB461	Qualitative Inquiry in Public Health
Major 2 OR Minor 1	
Major 2 OR Minor 1 OR Elective	

**Year 3, Semester 1**

PUB561	Quantitative Analysis for Health
PUB565	International Health
Major 2 OR Minor 1	
Major 2 OR Minor 1 OR Elective	

**Year 3, Semester 2**

PUB406	Health Promotion Strategies
PUB875	Professional Practice
Major 2 OR Minor 1	
Major 2 OR Minor 1 OR Elective	

**Minor Elective Lists**

Students undertaking the Health Services Management or Public Health majors of PU40 can elect to take a second major (96 credit points), in either Environmental Health, Health Safety and Environment, Health Services Management or Public Health.

Suggested minors ( 48 credit points) are listed below. Minors chosen outside this list may be selected subject to the definition appearing in the Course Rules, the applicability to the major, and the approval of the Course Coordinator.

Free electives can be chosen subject to prerequisite requirements.

**Environmental Health**

LSB415	Microbiology
PUB107	Sustainable Environments For Health
PUB517	Food Hygiene Studies
PUB400	Environmental Protection
OR	
PUB409	Communicable Disease: Prevention And Control

**Community Nutrition**

PUB341	Nutrition Education
PUB474	Food Studies
PUB509	Nutrition
PUB632	Independent Study

**Consumer and Family Studies**

HHB114	Introduction To Human Rights And Ethics
PUB105	Introduction To Family Studies
PUB117	Introduction To Consumer Studies
PYB086	Interpersonal And Group Processes

**Health Education**

SPB023	Adult Learning And Development
PUB329	Foundations Of Health Studies And Health Behaviour
PUB406	Health Promotion Strategies
PYB086	Interpersonal And Group Processes

**Indigenous Health**

HHB254	Indigenous Australian Culture Studies
PUB326	Epidemiology
PUB406	Health Promotion Strategies
PUB557	Health Needs Of Indigenous Australians And Other Populations

**Occupational Health and Safety**

PUB112	Workplace Health And Safety
PUB354	Occupational Health
PUB611	Risk Management
PUB632	Independent Study

**Women's Health**

PUB326	Epidemiology
PUB336	Women's Health
PUB632	Independent Study
PYB054	Psychology And Gender



## ■ Bachelor of Nursing - Graduate Entry (NS40)

**Award title:** Bachelor of Nursing

**CRICOS code:** 003501K

**Location:** Kelvin Grove

**Course duration (full-time):** 2 Years for Preregistration Graduate entry

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Alan Barnard

### Streams in NS40 Bachelor of Nursing

From 2002 the Bachelor of Nursing (NS40) course will provide streams of study for both preregistration and postregistration students (ie those who have already completed a qualification leading to registration as a nurse).

### Professional Membership

This course is recognised by the Royal College of Nursing, Australia as satisfying the academic requirements for admission as a professional member. Domestic or international students who complete the pre-registration stream of studies (288 credit points) are eligible for registration within Australia, and have been successful in obtaining registration in Britain, New Zealand and North America. Eligible international registered nurses who complete a specified course of study (96 credit points) are also eligible for registration within Australia.

### Full-time Course structure

For preregistration students who have completed an undergraduate degree

#### Year 1, Semester 1

LSB111 Understanding Disease Concepts  
NSB324 Medical-Surgical Nursing 1  
NSB223 Mental Health Nursing  
NSB122 Clinical Practice 1  
NSB212 Clinical Practice 2

#### Year 1, Semester 2

NSB423 Medical-Surgical Nursing 2  
NSB424 Nursing Therapeutics  
HHB120 Ethics, Law And Health Care  
NSB222 Clinical Practice 3

#### Year 2, Semester 1

NSB500 Medical-Surgical Nursing 3  
NSB501 Politics, Technology And Nursing  
NSB322 Clinical Practice 4

#### Year 2, Semester 2

NSB321 Professional Nursing Development  
Elective  
NSB323 Clinical Practice 5

## ■ Bachelor of Nursing - Postregistration (NS40)

**Award title:** Bachelor of Nursing

**CRICOS code:** 003501K

**Location:** Kelvin Grove

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 2 Years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Alan Barnard

### Streams in NS40 Bachelor of Nursing

From 2002 the Bachelor of Nursing (NS40) course will provide streams of study for both preregistration and postregistration students (ie those who have already completed a qualification leading to registration as a nurse).

The postregistration stream is for domestic registered nurses with a hospital certificate and overseas registered nurses not seeking registration within Australia (8 units must be completed). Please note that this stream is not designed for students wanting to

undertake a Nursing "re-entry" course and does not lead to registration as a nurse within Australia.

### Full-time Course structure

#### Year 1, Semester 1

NSB224 Research Approaches In Nursing  
Select 3 more units:  
NSB223 Mental Health Nursing  
NSB501 Politics, Technology And Nursing  
PYB073 Introduction To Behavioural Sciences And Health Care  
Any other approved unit/s

#### Year 1, Semester 2

NSB321 Professional Nursing Development  
Select 3 more units:  
HHB120 Ethics, Law And Health Care  
NSB113 Values, Culture And Diversity  
NSB424 Nursing Therapeutics  
Elective OR  
Any other approved unit/s

### Part-time Course Structure

#### Year 1, Semester 1

Select two units:  
NSB223 Mental Health Nursing  
NSB501 Politics, Technology And Nursing  
PYB073 Introduction To Behavioural Sciences And Health Care  
Any other approved unit

#### Year 1, Semester 2

Select two units:  
NSB321 Professional Nursing Development  
HHB120 Ethics, Law And Health Care  
NSB113 Values, Culture And Diversity  
NSB424 Nursing Therapeutics  
Elective (see elective list) OR  
Any other approved unit

#### Year 2, Semester 1

NSB224 Research Approaches In Nursing  
Select one more unit:  
NSB223 Mental Health Nursing  
NSB501 Politics, Technology And Nursing  
PYB073 Introduction To Behavioural Sciences And Health Care  
Any other approved unit

#### Year 2, Semester 2

Select two units:  
HHB120 Ethics, Law And Health Care  
NSB113 Values, Culture And Diversity  
NSB424 Nursing Therapeutics  
Elective (see elective list) OR  
Any other approved unit

### Second Semester (Mid-Year) Entry Full-time Course Structure

#### Year 1, Semester 1

NSB321 Professional Nursing Development  
Select three more units  
HHB120 Ethics, Law And Health Care  
NSB113 Values, Culture And Diversity  
NSB424 Nursing Therapeutics  
Elective (see elective list) OR  
Any other approved unit

#### Year 1, Semester 2

NSB224 Research Approaches In Nursing  
Select three more units:  
NSB223 Mental Health Nursing  
NSB501 Politics, Technology And Nursing  
PYB073 Introduction to Behavioural Science and Health Care OR  
Elective (see elective list) OR  
Any other approved unit

### Second Semester (Mid-year) Part-time Course Structure

#### Year 1, Semester 1

NSB321 Professional Nursing Development  
Select one more unit:  
HHB120 Ethics, Law And Health Care  
NSB113 Values, Culture And Diversity  
NSB424 Nursing Therapeutics  
Elective (see elective list) OR  
Any other approved unit

**Year 1, Semester 2**

- NSB224 Research Approaches In Nursing  
Select one more unit:
- NSB223 Mental Health Nursing
- NSB501 Politics, Technology And Nursing
- PYB073 Introduction To Behavioural Sciences And Health Care  
Any other approved unit

**Year 2, Semester 1**

- Select two units:
- NSB113 Values, Culture And Diversity
- HHB120 Ethics, Law And Health Care
- NSB424 Nursing Therapeutics  
Elective (see elective list) OR  
Any other approved unit

**Year 2, Semester 2**

- NSB223 Mental Health Nursing
- NSB501 Politics, Technology And Nursing
- PYB073 Introduction To Behavioural Sciences And Health Care  
Any other approved unit

**For Registered Nurses with an appropriate tertiary diploma - 4 units must be completed**

This program is available in the part-time mode only. This program does not lead to registration as a nurse in Australia

**First Semester Entry Part-time Course Structure****Year 1, Semester 1**

- NSB224 Research Approaches In Nursing  
Select one more unit:
- NSB223 Mental Health Nursing
- NSB501 Politics, Technology And Nursing
- PYB073 Introduction To Behavioural Sciences And Health Care  
Any other approved unit

**Year 1, Semester 2**

- NSB321 Professional Nursing Development  
Select one more unit:
- HHB120 Ethics, Law and Health Care OR
- NSB113 Values, Culture And Diversity
- NSB424 Nursing Therapeutics  
Elective OR  
Any other approved unit

**Second Semester (Mid-Year) Entry Part-time Course Structure****Year 1, Semester 1**

- NSB321 Professional Nursing Development  
Select one more unit:
- HHB120 Ethics, Law and Health Care OR
- NSB113 Values, Culture And Diversity
- NSB424 Nursing Therapeutics  
Elective OR  
Any other approved unit

**Year 1, Semester 2**

- NSB224 Research Approaches In Nursing  
Select one more unit:
- NSB223 Mental Health Nursing
- NSB501 Politics, Technology And Nursing
- PYB073 Introduction To Behavioural Sciences And Health Care  
Any other approved unit

**Elective List - subject to availability**

- HMB171 Fitness Health And Wellness
- NSB602 Pain Management And Contemporary Nursing Practice
- NSB603 Introduction To Cardiothoracic Nursing
- NSB604 Introduction To Dementia And Family Care
- NSB605 Nursing In A Technological World
- NSB421 Independent Study
- PUB203 Primary Health Care
- PYB257 Group Work
- PYB360 Interventions For Addictive Behaviours
- NSB312 Family And Community Nursing

**For Overseas Registered Nurses with an appropriate qualification seeking registration in Australia**

This program is available in the full-time mode only

**First Semester Entry Full-time Course Structure****Year 1, Semester 1**

- NSB500 Medical-Surgical Nursing 3
- NSB322 Clinical Practice 4  
Select two more units:
- NSB223 Mental Health Nursing
- NSB224 Research Approaches In Nursing

- NSB501 Politics, Technology And Nursing
- PYB073 Introduction To Behavioural Sciences And Health Care  
Any other approved unit

**Year 1, Semester 2**

- NSB321 Professional Nursing Development
- NSB323 Clinical Practice 5  
Elective

**Second Semester (Mid-Year) Entry Full-time Course Structure****Year 1, Semester 1**

- NSB321 Professional Nursing Development
- NSB323 Clinical Practice 5  
Elective

**Year 1, Semester 2**

- NSB500 Medical-Surgical Nursing 3
- NSB322 Clinical Practice 4  
Select two more units:
- NSB223 Mental Health Nursing
- NSB224 Research Approaches In Nursing
- NSB501 Politics, Technology And Nursing
- PYB073 Introduction To Behavioural Sciences And Health Care  
Any other approved unit

**■ Bachelor of Nursing - Preregistration (NS40)**

**Award title:** Bachelor of Nursing

**CRICOS code:** 003501K

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Years

**Course duration (part-time):** 6 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Alan Barnard

**Streams in NS40 Bachelor of Nursing**

From 2002 the Bachelor of Nursing (NS40) course will provide streams of study for both preregistration and postregistration students (ie those who have already completed a qualification leading to registration as a nurse).

**Professional Membership**

This course is recognised by the Royal College of Nursing, Australia as satisfying the academic requirements for admission as a professional member.

Domestic or international students who complete the preregistration stream of studies (288 credit points) are eligible for registration within Australia, and have been successful in obtaining registration in Britain, New Zealand and North America. Eligible international registered nurses who complete a specified course of study (96 credit points) are also eligible for registration within Australia.

**Full-time Course structure****Year 1, Semester 1**

- LSB182 Bioscience 1
- PYB073 Introduction To Behavioural Sciences And Health Care
- NSB117 Nursing And The Health Care System
- NSB118 Health Assessment And Nursing Practice

**Year 1, Semester 2**

- LSB282 Bioscience 2
- NSB225 Promoting Health Across The Lifespan
- NSB113 Values, Culture And Diversity
- NSB122 Clinical Practice 1

**Year 2, Semester 1**

- LSB382 Bioscience 3
- NSB324 Medical-Surgical Nursing 1
- NSB212 Clinical Practice 2
- NSB223 Mental Health Nursing

**Year 2, Semester 2**

- NSB423 Medical-Surgical Nursing 2
- NSB424 Nursing Therapeutics
- HHB120 Ethics, Law And Health Care
- NSB222 Clinical Practice 3

**Year 3, Semester 1**

- NSB500 Medical-Surgical Nursing 3

NSB322	Clinical Practice 4
NSB501	Politics, Technology And Nursing
NSB224	Research Approaches In Nursing
<b>Year 3, Semester 2</b>	
NSB321	Professional Nursing Development
NSB323	Clinical Practice 5
	Elective

\*This course was reviewed during 2001. Continuing students in 2002 should seek advice from the Course Coordinator on transition arrangements.

### Part-time Course structure

<b>Year 1, Semester 1</b>	
LSB182	Bioscience 1
NSB117	Nursing And The Health Care System
<b>Year 1, Semester 2</b>	
LSB282	Bioscience 2
NSB113	Values, Culture And Diversity
<b>Year 2, Semester 1</b>	
LSB382	Bioscience 3
NSB118	Health Assessment And Nursing Practice
<b>Year 2, Semester 2</b>	
NSB225	Promoting Health Across The Lifespan
NSB122	Clinical Practice 1
<b>Year 3, Semester 1</b>	
PYB073	Introduction To Behavioural Sciences And Health Care
NSB324	Medical-Surgical Nursing 1
<b>Year 3, Semester 2</b>	
NSB423	Medical-Surgical Nursing 2
HHB120	Ethics, Law And Health Care
<b>Year 4, Semester 1</b>	
NSB223	Mental Health Nursing
NSB212	Clinical Practice 2
<b>Year 4, Semester 2</b>	
NSB424	Nursing Therapeutics
NSB222	Clinical Practice 3
<b>Year 5, Semester 1</b>	
NSB501	Politics, Technology And Nursing
NSB224	Research Approaches In Nursing
<b>Year 5, Semester 2</b>	
NSB321	Professional Nursing Development
	Elective (see list below)
<b>Year 6, Semester 1</b>	
NSB500	Medical-Surgical Nursing 3
NSB322	Clinical Practice 4
<b>Year 6, Semester 2</b>	
NSB323	Clinical Practice 5

### Elective list - (subject to availability)

HMB171	Fitness Health And Wellness
NSB600	Introduction To Nursing Children And Childbearing Families
NSB602	Pain Management And Contemporary Nursing Practice
NSB603	Introduction To Cardiothoracic Nursing
NSB604	Introduction To Dementia And Family Care
NSB605	Nursing In A Technological World
NSB421	Independent Study
PUB203	Primary Health Care
PYB257	Group Work
PYB360	Interventions For Addictive Behaviours
NSB312	Family And Community Nursing
	Or any other unit approved by the School of Nursing

## ■ Bachelor of Nursing and Health Services Management (NS45)

**Award title:** Bachelor of Nursing and Health Services Management

**Location:** Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Alan Barnard

### Professional Membership

This course is recognised by the Royal College of Nursing, Australia as satisfying the academic requirements for admission as a professional member. Graduates are eligible for registration

within Australia, and have been successful in obtaining registration in Britain, New Zealand and North America. They are also eligible for membership of the Australian College of Health Service Executives.

### Course structure

<b>Year 1, Semester 1</b>	
LSB182	Bioscience 1
NSB118	Health Assessment And Nursing Practice
PUB104	Introduction To Health Services Management
PYB073	Introduction To Behavioural Sciences And Health Care
<b>Year 1, Semester 2</b>	
BSB115	Management, People And Organisations
HHB120	Ethics, Law And Health Care
NSB225	Promoting Health Across The Lifespan
PUB251	Contemporary Public Health
<b>Year 2, Semester 1</b>	
NSB223	Mental Health Nursing
NSB224	Research Approaches In Nursing
PUB326	Epidemiology
PUB380	Casemix Management
<b>Year 2, Semester 2</b>	
LSB282	Bioscience 2
NSB122	Clinical Practice 1
NSB113	Values, Culture And Diversity
PUB480	Health Administration Finance
<b>Year 3, Semester 1</b>	
LSB382	Bioscience 3
NSB324	Medical-Surgical Nursing 1
NSB212	Clinical Practice 2
PUB511	Health Policy, Planning And Evaluation
<b>Year 3, Semester 2</b>	
NSB423	Medical-Surgical Nursing 2
NSB424	Nursing Therapeutics
NSB222	Clinical Practice 3
PUB490	Quality Management in Health
<b>Year 4, Semester 1</b>	
NSB500	Medical-Surgical Nursing 3
NSB501	Politics, Technology And Nursing
NSB322	Clinical Practice 4
PUB514	Contract/Project Management
<b>Year 4, Semester 2</b>	
NSB321	Professional Nursing Development
NSB333	Clinical Practice 5
PUB609	Health Resource Allocation

## ■ Bachelor of Nursing/Bachelor of Applied Science (in Human Movement Studies) (HL40)

**Award title:** Bachelor of Nursing/Bachelor of Applied Science (in Human Movement Studies)

**CRICOS code:** 031578A

**Location:** Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 432

**Course coordinator:** Dr Alan Barnard

**Discipline coordinator:** Human Movement Studies: Dr Graham Costin

### Professional Membership

The Bachelor of Nursing is recognised by the Royal College of Nursing, Australia as satisfying the academic requirements for admission as a professional Member. Graduates are eligible for membership of the Australian Association for Exercise and Sports Science.

### Course Requirements

Students are required to complete 432 credit points within the integrated course. The clinical practice units require students to undertake block practicums of two or more weeks duration during semester. Students will be required to wear a uniform while on clinical practice, the cost of which is approximately \$150.

Students in the Nursing program are required to complete a course of vaccinations for Hepatitis B before commencing their clinical practice units. They are also required to have a current Senior First Aid Certificate or the equivalent prior to commencement of Clinical Practice 1.

### Full-time Course structure

#### Year 1, Semester 1

HMB171	Fitness Health And Wellness
LSB131	Anatomy
NSB117	Nursing And The Health Care System
PYB073	Introduction To Behavioural Sciences And Health Care

#### Year 1, Semester 2

HMB172	Nutrition And Physical Activity
HMB272	Biomechanics
HMB275	Exercise And Sport Psychology
LSB231	Physiology
PYB007	Interpersonal Processes And Skills

#### Year 2, Semester 1

HMB273	Bioenergetics And Muscle Physiology In Exercise
HMB274	Functional Anatomy
NSB118	Health Assessment And Nursing Practice
HMB271	Foundations Of Motor Control, Learning And Development

#### Year 2, Semester 2

LSB282	Bioscience 2
NSB225	Promoting Health Across The Lifespan
HMB276	Research In Human Movement
HMB382	Principles Of Exercise Prescription
NSB122	Clinical Practice 1

#### Year 3, Semester 1

HMB379	Disorders Of Human Movement
LSB382	Bioscience 3
NSB324	Medical-Surgical Nursing 1
NSB223	Mental Health Nursing
NSB212	Clinical Practice 2

#### Year 3, Semester 2

HMB470	Practicum 1
NSB423	Medical-Surgical Nursing 2
NSB424	Nursing Therapeutics
HHB120	Ethics, Law And Health Care
NSB222	Clinical Practice 3

#### Year 4, Semester 1

NSB500	Medical-Surgical Nursing 3
NSB501	Politics, Technology And Nursing Human Movement Studies Major/Third Level Elective
NSB322	Clinical Practice 4

#### Year 4, Semester 2

NSB321	Professional Nursing Development
NSB323	Clinical Practice 5 Elective

### Elective List

NSB600	Introduction To Nursing Children And Childbearing Families
NSB602	Pain Management And Contemporary Nursing Practice
NSB603	Introduction To Cardiothoracic Nursing
NSB604	Introduction To Dementia And Family Care
NSB605	Nursing In A Technological World
NSB421	Independent Study
PUB203	Primary Health Care
PYB257	Group Work
PYB360	Interventions For Addictive Behaviours
NSB312	Family And Community Nursing

### Human Movement Studies Third Level Elective List

Note: all third level units are not available in every semester

HMB277	Exercise And Sport Nutrition
HMB362	Biomechanics 2
HMB374	Psychology Of Rehabilitation
HMB376	Motor Development In Children
HMB377	Children In Sport
HMB480	Advanced Exercise Prescription

## ■ Bachelor of Nursing/Bachelor of Health Science (Public Health) (HL46)

**Award title:** Bachelor of Nursing/Bachelor of Health Science (Public Health)

**CRICOS code:** 031576C

**Location:** Kelvin Grove

**Course duration (full-time):** 4 Years

**Course coordinator:** Dr Alan Barnard

### Professional Membership

The Bachelor of Nursing is recognised by the Royal College of Nursing, Australia as satisfying the academic requirements for admission as a professional member. Graduates are eligible for membership of the Public Health Association of Australia and the Australian Association of Health Promotion Professionals.

### Course Requirements

Students are required to complete 432 credit points within the integrated course. The clinical practice units require students to undertake block practicums of two or more weeks duration during semester. Students will be required to wear a uniform while on clinical practice, the cost of which is approximately \$150.

Students in the Nursing program are required to complete a course of vaccinations for Hepatitis B before commencing their clinical practice units. They are also required to have a current Senior First Aid Certificate or the equivalent prior to commencement of Clinical Practice 1.

### Full-time Course structure

#### Year 1, Semester 1

LSB111	Health and Disease Concepts
PUB104	Introduction To Health Services Management
PUB107	Sustainable Environments For Health
PUB251	Contemporary Public Health

#### Year 1, Semester 2

BSB115	Management, People And Organisations
PUB201	Food and Nutrition
PUB209	Health, Culture and Society
PYB012	Psychology

#### Year 2, Semester 1

LSB182	Bioscience 1
NSB118	Health Assessment And Nursing Practice
PUB326	Epidemiology
PUB329	Foundations Of Health Studies And Health Behaviour

#### Year 2, Semester 2

LSB282	Bioscience 2
NSB122	Clinical Practice 1
NSB225	Promoting Health Across The Lifespan
PUB316	Research Methods
PUB406	Health Promotion Strategies

#### Year 3, Semester 1

LSB382	Bioscience 3
NSB212	Clinical Practice 2
NSB223	Mental Health Nursing
NSB324	Medical-Surgical Nursing 1

#### Year 3, Semester 2

HHB120	Ethics, Law And Health Care
NSB222	Clinical Practice 3
NSB423	Medical-Surgical Nursing 2
NSB424	Nursing Therapeutics
PUB875	Professional Practice

#### Year 4, Semester 1

NSB322	Clinical Practice 4
NSB500	Medical-Surgical Nursing 3
NSB501	Politics, Technology And Nursing
PUB511	Health Policy, Planning And Evaluation
PUB514	Contract/Project Management

#### Year 4, Semester 2

NSB321	Professional Nursing Development
NSB323	Clinical Practice 5
PUB609	Health Resource Allocation

### Public Health Elective List

PUB341	Nutrition Education
PUB349	Families And Households

PUB557 Health Needs Of Indigenous Australians And Other  
Populations



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## Section Three – Course Information

# Humanities and Human Services

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## OVERVIEW

The School of Humanities and Human Services within QUT Carseldine is focused on multidisciplinary teaching and research and offers a range of subjects which focus on contemporary international, local and community issues.

- The **Bachelor of Arts** offers students the opportunity for interdisciplinary majors in International and Global Studies, Ethics and Human Rights, Society and Change, and Community Studies. Discipline majors in History, Geography, Languages, Social Sciences (Sociology and Political Studies) are also available together with a broad range of co-majors from other areas of the University
- The **Bachelor of Social Science** offers majors in Applied Ethics, Geography and Environmental Studies, International and Global Studies, Political Studies, and Sociology
- The **Bachelor of Social Science (Human Services)** focuses on contemporary issues and offers a suite of skills units that will prepare students for work in aged services, disability services, corrections, working with children and family and with young people.
- associated **postgraduate research and coursework programs and honours programs** are also available in the School .

Staff of QUT Carseldine are committed to maintaining strong links with industry and the professions served by the courses on offer. QUT Carseldine is also responsible for the coordination of academic and support activities at the Carseldine campus, and for the continued development of the campus and its relationships with community partners. Research and community service activities are regarded as key strategies for ensuring the on-going relevance of the academic programs at all levels and for maintaining the strong success record of graduates.

## SENIOR STAFF

### QUT Carseldine

*Director:* Professor R.L. Matchett, B Soc Wk(Hons) *Qld*, MAASW

*Assistant Director (Academic Coordination):* Dr A.J. Williamson-Fien, B Econ, BA *Qld*, MA *Griff.*, PhD *Qld*.

*Executive Officer:* J.Murphy, BA *Qld* M Ed *QUT*

### School of Humanities and Human Services

*Head:* Associate Professor C. Bean, BA MA(Hons) *Canterbury*, PhD *ANU*

*Professor:* C.A. Trocki, BA *Cleveland*, MA PhD *C'nell*

*Associate Professors:*

H. Guille, BSc(Hons) *R'dg*, PhD *Griff.*

G.J. Ianziti, BA *San Fran.*, MA PhD *Nth Car.*

## RESEARCH CENTRES

### Centre for Social Change Research

The Centre's purpose is to develop a research environment that promotes understanding of the drivers of social change and the implications of change for individuals, families, communities and nations.

The Centre facilitates research with a strong applied social research orientation, which allows the human, ethical and societal dimensions of technological, environmental, economic and political change to be assessed, and responses to these changes to be identified. This is achieved through careful, critical, independent and ethical research, which contributes to better outcomes for individuals and communities, and addresses issues of national and global significance.

Staff and students are offered

- a centre of excellence in the 'craft of research', with a recognized reputation
- a distinctive, applied research culture, underpinned by a solid research base
- a focus on international and local issues related to the humanities, social sciences and human services
- an ethical engagement with a wide range of public policy and practices in government, business and the community, including human services, health care, biotechnology and the professions
- strong collaborative partnerships with community, government, academic, and private organizations
- cutting edge critical public debate
- an open, people-centered and change-oriented approach
- a nurturing environment for the development of excellence in the next generation of researchers through expert mentoring and guidance by experienced researchers

Some of the strengths which researchers have been developing since 1996 include:

- experience in the use of diverse research approaches, including: political, psychological, sociological, applied ethics, historical, and social science research approaches
- solid links with the community, industry, business and government organizations that enable the development of collaborative research alliances
- emerging cross-disciplinary linkages at the local, national and international level
- a high publication rate

The Centre aims to foster:

- a positive research culture that supports postgraduate candidates and staff researchers of an international standard
- solid links with the community, business, government and professional organizations that enable the development of collaborative research alliances and consultancies by working with people to deal with real issues in real time
- cross-disciplinary teams able to work together to offer alternative approaches to solve complex problems
- linkages with other faculties and departments throughout Australia and overseas, as well as within the Queensland University of Technology.

*Director:* Dr Laurie Buys BA *West Virginia* MS *SIU* GradCertGerontology PhD *Northern Colorado*

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■ **Master of Arts (Research) (HH40)**

**Award title:** Master of Arts (Research)

**CRICOS code:** 012707K

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 3 semesters (3-year qualified entry); 2 semesters (4-year qualified entry)

**Course duration (part-time):** 6 semesters (3-year qualified entry); 4 semesters (4-year qualified entry)

**Total credit points:** 144 (3-year qualified entry); 96 (4-year qualified entry)

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Gavin Kendall

**Key Features**

The Master of Arts by Research is offered in various disciplines by the academic units that make up the School of Humanities and Human Services. Study areas available include:

- Aged Services
- Applied Ethics
- Asia-Pacific Studies
- Child and Family Services
- Corrective Services
- Disability Services
- European Studies
- Geography & Environmental Studies
- History
- Human Services
- International & Global Studies
- Languages (French, German, Indonesian, Japanese, Mandarin)
- Political Studies
- Services to Young People
- Sociology.

**Entry requirements**

Coursework plus Research Program - three-year bachelor degree or equivalent.

Research only Program - three-year bachelor degree plus honours, or three-year bachelor degree plus Graduate Diploma, or equivalent.

**Course Structure**

For those with a three-year degree the MA(Research) normally comprises 48 credit points of coursework and a 96cp research project. For those with a four-year degree it normally comprises a 96cp research project. However, with the approval of the postgraduate studies coordinator it is possible to enrol in 12cp coursework plus 84cp research project; or 24cp coursework plus 72cp research project.

**Research Component**

Dependent on the discipline, the research component may be undertaken as a research thesis (30 000-50 000 words).

**Entry with three-year qualification - Full-time Course Structure**

*Year 1, Semester 1*

HHB410 Logic Of Social Inquiry

HHN001/1 Research Project 1

Elective

Elective

NB The Electives will be drawn either from units offered in approved Honours or coursework Masters degree programs, or from advanced undergraduate units subject to approval by the Discipline Coordinator

*Year 1, Semester 2*

HHN002 Graduate Seminar

HHN001-2 Research Project 2

HHN001-3 Research Project 3

HHN001-4 Research Project 4

*Year 2, Semester 1*

HHN001-5 Research Project 5

HHN001-6 Research Project 6

HHN001-7 Research Project 7

HHN001-8 Research Project 8

**Entry with three-year qualification - Part-time Course Structure**

*Year 1, Semester 1*

HHB410 Logic Of Social Inquiry

Elective

*Year 1, Semester 2*

HHN002 Graduate Seminar

Elective

NB The Elective will be drawn either from units offered in approved Honours or coursework Masters degree programs, or from advanced undergraduate units subject to approval by the Discipline Coordinator

*Year 2, Semester 1*

HHN001-1 Research Project 1

HHN001-2 Research Project 2

*Year 2, Semester 2*

HHN001-3 Research Project 3

HHN001-4 Research Project 4

*Year 3, Semester 1*

HHN001-5 Research Project 5

HHN001-6 Research Project 6

*Year 3, Semester 2*

HHN001-7 Research Project 7

HHN001-8 Research Project 8

**Entry with four-year qualification - Full-time Course Structure (48 credit point of exemption)**

*Year 1, Semester 1*

HHN001-1 Research Project 1

HHN001-2 Research Project 2

HHN001-3 Research Project 3

HHN001-4 Research Project 4

*Year 1, Semester 2*

HHN001-5 Research Project 5

HHN001-6 Research Project 6

HHN001-7 Research Project 7

HHN001-8 Research Project 8

**Entry with four-year qualification - Part-time Course Structure (48 cp of exemptions)**

*Year 1, Semester 1*

HHN001-1 Research Project 1

HHN001-2 Research Project 2

*Year 1, Semester 2*

HHN001-3 Research Project 3

HHN001-4 Research Project 4

*Year 2, Semester 1*

HHN001-5 Research Project 5

HHN001-6 Research Project 6

*Year 2, Semester 2*

HHN001-7 Research Project 7

HHN001-8 Research Project 8

■ **Master of Social Science (Human Services) (HH32)**

**Award title:** Master of Social Science (Human Services)

**CRICOS code:** 027281G

**Location:** Carseldine

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Judith Burton

**Part-time Course Structure**

Please contact the course coordinator via the School of Humanities and Human Services Ph (07) 3864 4674 for advice on nominating a part-time course load.

**Full-time Course Structure**

*Year 1, Semester 1*

HHP011 Critical Issues In The Human Services

HHB410 Logic Of Social Inquiry

Two elective units selected from the following, or any postgraduate unit as approved by the postgraduate coordinator:

HHP012	Leadership In The Human Services
GSN408	Fundamentals of Marketing Management
GSN418	Marketing Strategy Development
MGN516	Policy Analysis
MGN517	Program Management And Evaluation
HHB210	Indigenous Australia: Country, Kin And Culture
HHB212	Community Work
HHB303	Aged Services: Advanced
HHB304	Child And Family Services: Advanced
HHB305	Corrective Services: Advanced
HHB306	Disability Services: Advanced
HHB307	Services To Young People: Advanced
PYB159	Alcohol And Other Drug Studies

**Year 1, Semester 2**

HHP013	Managing Human Service Organisations
HHP015	Contracting in the Human Services

Two units selected from the following, or any postgraduate unit as approved by the postgraduate coordinator:

HHP003	Aged Services - Graduate Studies
HHP004	Child And Family Services - Graduate Studies
HHP006	Disability Services - Graduate Studies
HHP007	Youth Services - Graduate Studies
HHB210	Indigenous Australia: Country, Kin And Culture
HHB211	Casework And Case Management
HHB213	Social Policy Processes
HHB214	Group Practice and Team Processes
HHB224	Qualitative Research Methods
HHB232	Survey Methods
HHB328	Researching Applied Ethics
PYB208	Counselling Theory And Practice 1
PYB110	Psychological Research Methods

Note: Students will be encouraged to select only one undergraduate unit per semester

**Year 2, Semester 1**

HHP020	Human Services Practice Related Research 1 -2
HHP020	Human Services Practice Related Research 1 -2

**■ Graduate Diploma in Social Science (Human Services) (HH31)**

**Award title:** Graduate Diploma in Social Science (Human Services)

**CRICOS code:** 027280J

**Location:** Carseldine

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Judith Burton

**Part-time Course Structure**

Please contact the course coordinator via the School of Humanities and Human Services (07) 3864 4697 for advice on nominating a part-time course load.

**Full-time Course structure**

**Year 1, Semester 1**

HHP011	Critical Issues In The Human Services
HHP012	Leadership In The Human Services

Two elective units selected from the following, or any other postgraduate unit as approved by the Course coordinator:

HHB410	Logic Of Social Inquiry
MGN516	Policy Analysis
MGN517	Program Management And Evaluation
HHB210	Indigenous Australia: Country, Kin And Culture
HHB212	Community Work
HHB303	Aged Services: Advanced
HHB304	Child And Family Services: Advanced
HHB305	Corrective Services: Advanced
HHB306	Disability Services: Advanced
HHB307	Services To Young People: Advanced
HHB201	Initial Professional Practice
PYB159	Alcohol And Other Drug Studies
DBP411	Community Planning

GSN230	Ethics And Management For Philanthropic And Nonprofit Organisations
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**Year 1, Semester 2**

HHP013	Managing Human Service Organisations
HHP015	Contracting in the Human Services

Two elective units selected from the following, or any postgraduate unit as approved by the Course coordinator:

HHP003	Aged Services - Graduate Studies
HHP004	Child And Family Services - Graduate Studies
HHP006	Disability Services - Graduate Studies
HHP007	Youth Services - Graduate Studies
HHB210	Indigenous Australia: Country, Kin And Culture
HHB211	Casework And Case Management
HHB213	Social Policy Processes
HHB328	Researching Applied Ethics
HHB214	Group Practice and Team Processes
HHB224	Qualitative Research Methods
PYB208	Counselling Theory And Practice 1
HHB215	Crisis And Conflict Resolution
HHB300	Current Developments In Human Services
AMN403	Marketing And Survey Research
GSN231	Legal And Accounting Issues For PAndNp Organisations
GSN224	Corporate Philanthropy

NOTE: Students will be encouraged to select only one undergraduate unit per semester.

**■ Graduate Certificate in Social Science (Human Services) (HH30)**

**Award title:** Graduate Certificate in Social Science (Human Services)

**CRICOS code:** 040287D

**Location:** Carseldine

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Judith Burton

**Alternative Enrolment**

Graduate Certificate students may choose to do:

- One unit from Group A, one advanced service context unit from Group B and two service context units at graduate studies level from Group B; or
- One unit from Group A and three graduate studies level units from Group B; or
- Three units from Group A and one unit at graduate studies level from Group B.

**Part-time Course Structure**

Students can complete the equivalent of the full time program in any order in either 2, 3 or 4 semesters

**Course structure - Standard Enrolment**

**Full-time Course Structure**

**GROUP A**

Any two units chosen from:

HHP011	Critical Issues In The Human Services
HHP012	Leadership In The Human Services
HHP013	Managing Human Service Organisations
HHP015	Contracting in the Human Services

**GROUP B**

Any two units chosen from:

HHB303	Aged Services: Advanced
HHP003	Aged Services - Graduate Studies
HHB304	Child And Family Services: Advanced
HHP004	Child And Family Services - Graduate Studies
HHB305	Corrective Services: Advanced
HHB306	Disability Services: Advanced
HHP006	Disability Services - Graduate Studies
HHB307	Services To Young People: Advanced
HHP007	Youth Services - Graduate Studies

Note: the choice of electives can only include one service context Advanced unit

## ■ Bachelor of Arts (Honours) (HH21)

**Award title:** Bachelor of Arts (Honours)

**CRICOS code:** 020294D

**Location:** Carseldine

**Course duration (full-time):** 2 Semesters

**Course duration (part-time):** 4 Semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Judith Burton

### Part-time Course Structure

Part-time/Mid-year entry students should contact the course coordinator for advice on alternative sequences of study.

### Note: Language Students

Language students will, where appropriate, do extensive work in HHB403 (Literature Review), HHB404 (Honours Thesis 1) and HHB405 (Honours Thesis 2) in the target language. Where feasible the Honours Dissertation will be written in the target language.

### Course Rules

The requirements for graduating are satisfactory (or better) performance in all prescribed units. The final mark for the course is determined on the basis of marks assigned in the assessed units HHB410 The Logic of Social Inquiry, HHB403 Literature Review, and the elective, plus the mark awarded to the thesis, with weighting being given according to the proportion of credit points within the total. The Honours dissertation will be marked by two assessors, one of whom will normally be external to QUT.

### Full-time Course Structure

#### Year 1, Semester 1

HHB410 Logic Of Social Inquiry

HHB403 Literature Review

HHB404 Honours Thesis 1

Elective

(One 12 credit point elective selected from advanced units offered in the undergraduate program, chosen in consultation with the thesis supervisor and approved by the Honours Coordinator)

#### Year 1, Semester 2

HHB405 Honours Thesis 2

HHB406 Honours Thesis 3

HHB407 Honours Seminar

## ■ Bachelor of Social Science (Honours) (HH23)

**Award title:** Bachelor of Social Science (Honours)

**CRICOS code:** 027279B

**Location:** Carseldine

**Course duration (full-time):** 2 Semesters

**Course duration (part-time):** 4 Semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Judith Burton

### Course Structure

The Honours course contains a mix of advanced theory, research training and a research project leading to a thesis. Coursework provides both for disciplinary specialisation, and an inter-disciplinary elective option selected in consultation with the Course Coordinator. The honours seminar will foster oral communication skills relevant to conference presentations. The thesis will be completed under the guidance of an individual supervisor.

### Note: Part-time Students

Part-time students may take units in an alternative sequence approved by the Course Coordinator

### Course Rules

The requirements for graduating are satisfactory (or better) performance in all prescribed units. The final mark for the course is determined on the basis of marks assigned in assessed units (The Logic of Social Inquiry, Literature Review and elective) plus the mark awarded to the thesis, with weighting being given according to the proportion of credit points within the total. The Honours thesis will be marked by two assessors, one of whom will normally be external to the University.

### Full-time Course Structure

#### Year 1, Semester 1

HHB410 Logic Of Social Inquiry

HHB403 Literature Review

HHB404 Honours Thesis 1

Elective: An advanced unit selected in consultation with supervisor and approved by the Honours coordinator.

#### Year 1, Semester 2

HHB405 Honours Thesis 2

HHB406 Honours Thesis 3

HHB407 Honours Seminar

## ■ Bachelor of Social Science (Honours) (Human Services) (HH22)

**Award title:** Bachelor of Social Science (Honours) (Human Services)

**CRICOS code:** 027279B

**Location:** Carseldine

**Course duration (full-time):** 2 Semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Judith Burton

### Full-time Course Structure

#### Semester 1

HHB410 Logic Of Social Inquiry

HHB403 Literature Review

HHB404 Honours Thesis 1

Elective Unit (An advanced Unit selected in consultation with supervisor and approved by the Honours Coordinator. The recommended elective is HHP011 Critical Issues in the Human Services)

#### Semester 2

HHB405 Honours Thesis 2

HHB406 Honours Thesis 3

HHB407 Honours Seminar

### Part-time Course Structure

#### Year 1, Semester 1

HHB410 Logic Of Social Inquiry

OR Elective Unit (An advanced unit selected in consultation with supervisor and approved by the Honours coordinator (recommended elective is HHP011 Critical Issues in the Human Services)

HHB403 Literature Review

#### Year 1, Semester 2

HHB404 Honours Thesis 1

HHB403 Literature Review

OR Elective Unit (Advanced unit selected in consultation with supervisor and approved by the Honours coordinator)

#### Year 2, Semester 1

HHB405 Honours Thesis 2

#### Year 2, Semester 2

HHB406 Honours Thesis 3

HHB407 Honours Seminar

## ■ Bachelor of Arts (HH01)

**Award title:** Bachelor of Arts

**CRICOS code:** 037577J

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 3 years

**Course duration (part-time):** 6 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr John Synott

### Course Requirements

Students are REQUIRED to complete:

- One Interdisciplinary Professional Major (1 core introductory unit + 6 more units which expand and develop the theme of the major)

Students are ADVISED to complete:

- Four core units in first semester (from a selection of core introductory units and core skills units)  
(Note: one of the core introductory units will sit within the chosen Interdisciplinary Professional Major as outlined above)
- Two core units in second year (2 research methods units)
- A Workplace Internship in Third Year (24 credit points)

Students MAY also complete:

- An additional Interdisciplinary Professional Major (1 core introductory unit + 6 units in the major)
- A Discipline Studies Sequence (6 units in one of the disciplines: Geography, History, Languages (French, German, Indonesian, Japanese, Mandarin), Sociology, Politics).
- A Co-major in another QUT course (6 units)

NB: Students must maintain 50% enrolment in units from the BA program until they have completed 8 of those units.

16 of the 24 units in the BA must be chosen from units in the BA program.

A unit may not be counted in more than one professional major, discipline sequence, co-major or minor study sequence.

### Key Terms

- Professional Major - one of four interdisciplinary study sequences in the BA degree (International and Global Studies, Society and Change, Ethics and Human Rights, Community Studies), consisting of one core unit plus six further units from the appropriate list (making a total of 84 credit points). Students must complete at least one of these to fulfil the requirements of the degree.
- Discipline Sequence - a set of six units (72 credit points) in a given discipline (Geography, History, Languages, Social Science). In Languages, this consists of six sequenced units in one Language. In other disciplines the six units must include one introductory unit to the discipline.
- Co-major - a set of six units (72 credit points) from another QUT course or faculty.
- Minor Study Sequence - a study sequence of any four units (48 credit points) in a given subject area.
- Elective units - units selected by students to fit into their study programs. They can be selected from units offered by any faculty in the university.

### International and Global Studies Professional Major

The major in International and Global Studies serves students seeking employment in job markets that demand and value knowledge of trends and outcomes in internationalisation, understanding of cultural diversity, knowledge of world regions, cultures and societies, and skills associated with global literacy. Students will be able to tailor learning packages to their professional interests and may choose to concentrate on 'global perspectives' or 'international studies' (Asian studies, European studies, Pacific studies). This major may be combined with

language study in Indonesian, French, Japanese, German or Mandarin.

Refer to Core Program and Electives: Students are advised to take 1 or 2 Core Units, 1 Unit from Strand A, 1 Unit from Strand B, 3 or 4 Units selected from either Strand (Total of 7 units)

### Society and Change Professional Major

The Society and Change major provides an interdisciplinary approach to understanding the dynamics of social change with particular emphasis on 'the environment, change and society', 'societies in transition' and 'the individual and society'. Students will acquire substantive knowledge on social and cultural aspects of change. Students are challenged to take a critical and analytical approach to their study. Many of the units provide case studies of social change, and graduates of this major will be equipped with transferable analytical, research and interpersonal skills required for adaptation to rapidly changing work environments.

Refer to Core Program and Electives: Students are advised to take 1 or 2 Core Units, 4-6 units from within Strands A, B & C, with no more than 1 Change Management or Project unit. (Total of 7 units)

### Ethics and Human Rights Professional Major

The major in Ethics and Human Rights provides students with the opportunity to develop as socially responsible and responsive practitioners. Dramatic changes in the human condition, such as those already emerging from globalisation and biotechnology, will be a significant feature of life in the twenty-first century. This major will equip students with understandings, skills and strategies that will enable them to address change in ways that optimise outcomes which promote the well-being of individuals and communities. The major is organised around five themes: 'ethical understandings and theory', 'human rights', 'identity studies', 'ethics and technology' and 'ethical practice'.

Refer to Core Program and Electives: Students are advised to take 1 or both Core Units, 5 or 6 electives from Strands A - E.

### Community Studies Professional Major

In the Community Studies major the 'knowledge explosion' is addressed by an open-ended teaching and learning approach to equip students to better understand the communities to which they belong from past, present and future perspectives. As students get to know how communities are structured, they consider which holds communities together and what undermines them, and consider how communities can be enhanced. The two strands of the major are 'community practice' which encompasses the concept of community and a detailed investigation of community processes, and 'Australian studies' which looks specifically at the Australian community and Australia's relationships with countries around it.

Refer to Core Program and Electives: Students are advised to take 1 or 2 Core Units, 5-6 units from either Strand A or B.

### Discipline Sequences

Discipline sequences of six units are available in the following areas:

- Geography
- History
- French
- German
- Indonesian
- Japanese
- Mandarin
- Sociology
- Politics

### Minors

All of the interdisciplinary professional majors and discipline sequences are also available to be taken as minors. To complete a

minor in one of these areas, students will need to pass any four units from the relevant list.

### Example of Full-time Course Structure

#### Year 1, Semester 1

- Core unit (major)
- Core unit (major)
- Core unit (major or skills)
- Core unit (major or skills)

#### Year 1, Semester 2

- Major unit
- Major unit
- Co-major unit\*/Professional major/Discipline sequence
- Elective unit

#### Year 2, Semester 1

- Major unit
- Co-major unit\*/Professional major/Discipline sequence
- Co-major unit\*/Professional major/Discipline sequence
- Core unit (research methods)

#### Year 2, Semester 2

- Major unit
- Co-major unit\*/Professional major/Discipline sequence
- Elective unit
- Core unit (research methods)

#### Year 3, Semester 1

- Major unit
- Co-major unit\*/Professional major/Discipline sequence
- Core unit (internship)
- Core unit (internship)

#### Year 3, Semester 2

- Major unit
- Co-major unit\*/Professional major/Discipline sequence
- Elective unit
- Elective unit

\* or second professional major or discipline sequence

### Core Program

#### First Year Core: International and Global Studies

- HHB110 Introduction To International And Global Studies
- HHB111 Issues In International And Global Studies

#### First Year Core: Society and Change

- HHB105 Interpreting Change
- HHB104 Understanding Society: Introduction to Sociology

#### First Year Core: Ethics and Human Rights

- HHB114 Introduction To Human Rights And Ethics
- HHB115 Human Identity And Change

#### First Year Core: Community Studies

- HHB106 Australian Society And Culture
- HHB103 Contemporary Social And Community Issues

#### First Year Core: Skills Units

- HHB116 Applied Skills And Scholarship
- HHB117 Introduction To Social Research Methods

#### Second Year Core: Research Methods

- HHB224 Qualitative Research Methods
- HHB232 Survey Methods
- HHB121 Interpreting The Past
- HHB312 Geographical Research Design

#### Third Year Core: Internship

- HHB330 Internship Program

### Electives - International and Global Studies Professional Major

#### Strand A - Global Perspectives

- HHB107 World Regions
- HHB226 Consuming Cultures
- HHB241 Gender and Globalisation
- HHB263 Politics Of Globalisation
- HHB269 Ethics, Technology And The Environment
- HHB310 Globalisation And Social Theory
- HHB311 Colonial Fantasies And Postcolonial Identities
- HHB331 Advanced Seminar

#### Strand B - International Studies

- HHB122 Colonialism And Independence In Asia Pacific
- HHB229 Windows On Japan
- HHB239 Korean Culture And Societies
- HHB238 Asian Cultures And Societies
- HHB243 The Pacific Since 1945
- HHB244 Southeast Asia In Focus
- HHB245 Australia And The South Pacific

- HHB246 Modern China
- HHB248 The USA and The Asia Pacific Region
- HHB256 Europe Since 1945
- HHB260 Nations And Nationalism In Modern Europe
- HHB315 Sex And Drugs In South East Asia

#### Language Studies/International and Global Studies

Upon consultation with the Languages coordinator, students may select one language unit as an elective in the International & Global Studies Strand.

Students may also undertake a Combined Major in

Languages/International and Global Studies, comprising:

- 1 Introductory Unit
- 2 Elective units, preferably one from each strand
- 4 units in a chosen language

### Electives - Society and Change Professional Major

#### Strand A - The Individual and Society

- HHB102 The Human Condition
- HHB113 Interpersonal Communication
- HHB268 Vulnerable Identities
- HHB234 Sociological Theory
- HHB233 Sex, Gender And Society
- HHB236 Virgins, Saints And Sinners: Sociology Of Religion
- HHB235 Identities: The Body, Technology & Cyberspace
- HHB225 Political Sociology
- HHB230 Political Behaviour
- HHB240 Sociology Of Crime And Deviance

#### Strand B - Environment, Society and Change

- HHB226 Consuming Cultures
- HHB227 Environment And Society
- HHB228 Environmental Hazards
- HHB251 Australian Resource Management
- HHB231 Health, Society And Environment
- HHB210 Indigenous Australia: Country, Kin And Culture

#### Strand C - Societies in Transition

- HHB257 The Classical World
- HHB261 Medieval Europe
- HHB258 Foundations of Modern Europe
- HHB315 Sex And Drugs In South East Asia
- HHB253 Conspiracy And Dissent In Australian History
- HHB242 Pacific Culture Contact
- HHB259 War And Revolution In Europe 1914-1945
- HHB249 Social Movements In Australia
- HHB262 Political Ideologies
- HHB315 Sex And Drugs In South East Asia
- HHB253 Conspiracy And Dissent In Australian History

#### Change Management and Project Units

- HHB212 Community Work
- HHB213 Social Policy Processes
- HHB214 Group Practice and Team Processes
- HHB329 Advanced Project

### Electives - Ethics and Human Rights Professional Major

#### Strand A - Ethical Understanding and Theory

- HHB265 The Just Society
- HHB267 Feminism And Ethics
- HHB271 Ethical Theory

#### Strand B - Human Rights

- HHB274 Human Rights: International And Regional Activism
- HHB275 Human Rights: Australian Activism

#### Strand C - Identity Studies

- HHB268 Vulnerable Identities
- HHB272 Composing Identities: The Artistry Of Living

#### Strand D - Ethics and Technology

- HHB269 Ethics, Technology And The Environment
- HHB270 Gene Technology And Ethics
- HHB273 Reshaping Life And Death

#### Strand E - Ethical Practice

- HHB264 Public And Professional Ethics
- HHB266 Ethical Decision Making
- HHB328 Researching Applied Ethics

### Electives - Community Studies Professional Major

#### Strand A - Community Practice

- HHB100 Introduction To Human Services
- HHB113 Interpersonal Communication
- HHB203 Aged Services: Introduction
- HHB204 Child And Family Services: Introduction

HHB205	Corrective Services: Introduction
HHB206	Disability Services: Introduction
HHB207	Services To Young People: Introduction
HHB212	Community Work
HHB214	Group Practice and Team Processes
HHB215	Crisis And Conflict Resolution
HHB216	The Human Dimensions Of Space
<b>Strand B - Australian Studies</b>	
HHB109	Australian Historical Studies
HHB112	Australian Politics
HHB210	Indigenous Australia: Country, Kin And Culture
HHB237	Brisbane in the 20th Century (not on offer in 2002)
HHB245	Australia And The South Pacific
HHB249	Social Movements In Australia
HHB250	Australian Geographical Studies
HHB251	Australian Resource Management
HHB253	Conspiracy And Dissent In Australian History
HHB254	Indigenous Australian Culture Studies
HHB255	Indigenous Politics And Political Culture
HHB275	Human Rights: Australian Activism

### Discipline Major - Geography

#### Elective Units - Environment and Resources

HHB227	Environment And Society
HHB228	Environmental Hazards
HHB251	Australian Resource Management
HHB269	Ethics, Technology And The Environment
HHB241	Gender and Globalisation

#### Elective Units - Regional Studies

HHB250	Australian Geographical Studies
HHB229	Windows On Japan
HHB244	Southeast Asia In Focus

#### Other Geography Electives

HHB312	Geographical Research Design
HHB232	Survey Methods
PSB631	Geographic Information Systems 1
PSB655	Remote Sensing

### Discipline Major - History

#### Elective Units - Modern Histories

HHB238	Asian Cultures And Societies
HHB260	Nations And Nationalism In Modern Europe
HHB245	Australia And The South Pacific
HHB122	Colonialism And Independence In Asia Pacific
HHB239	Korean Culture And Societies
HHB248	The USA and The Asia Pacific Region
HHB256	Europe Since 1945
HHB259	War And Revolution In Europe 1914-1945
HHB315	Sex And Drugs In South East Asia
HHB237	Brisbane in the Twentieth Century
HHB242	Pacific Culture Contact
HHB243	The Pacific Since 1945
HHB246	Modern China
HHB253	Conspiracy And Dissent In Australian History
HHB311	Colonial Fantasies And Postcolonial Identities

#### Elective Units - Pre-modern Histories

HHB257	The Classical World
HHB258	Foundations of Modern Europe
HHB261	Medieval Europe

### Discipline Major - Languages

#### French

HHB061	French 1
HHB062	French 2
HHB063	French 3
HHB064	French 4
HHB065	French 5
HHB066	French 6
HHB067	French 7
HHB068	French 8
HHB069	French 9
HHB070	French 10
HHB060	French For The Tourism Industry

#### German

HHB091	German 1
HHB092	German 2
HHB093	German 3
HHB094	German 4
HHB095	German 5

HHB096	German 6
HHB097	German 7
HHB098	German 8

#### Indonesian

HHB071	Indonesian 1
HHB072	Indonesian 2
HHB073	Indonesian 3
HHB074	Indonesian 4
HHB075	Indonesian 5
HHB076	Indonesian 6
HHB077	Indonesian 7
HHB078	Indonesian 8

#### Japanese

HHB081	Japanese 1
HHB082	Japanese 2
HHB083	Japanese 3
HHB084	Japanese 4
HHB085	Japanese 5
HHB086	Japanese 6
HHB087	Japanese 7
HHB088	Japanese 8

#### Mandarin

HHB050	Mandarin For Chinese
HHB051	Introductory Mandarin 1
HHB052	Introductory Mandarin 2

#### Overseas Units - All Languages

HHB056	International Intensive Program
HHB057	International Summer School Or Equivalent
HHB058	In-Country Study - A
HHB059	In-Country Study - B

### Discipline Major - Sociology

#### Elective Units - Sociology

HHB234	Sociological Theory
HHB233	Sex, Gender And Society
HHB232	Survey Methods
HHB236	Virgins, Saints And Sinners: Sociology Of Religion
HHB226	Consuming Cultures
HHB231	Health, Society And Environment
HHB224	Qualitative Research Methods
HHB225	Political Sociology
HHB240	Sociology Of Crime And Deviance
HHB310	Globalisation And Social Theory
HHB235	Identities: The Body, Technology & Cyberspace
HHB216	The Human Dimensions Of Space

### Discipline Major - Political Studies

#### Electives - Political Studies

HHB249	Social Movements In Australia
HHB263	Politics Of Globalisation
HHB232	Survey Methods
HHB225	Political Sociology
HHB230	Political Behaviour
HHB255	Indigenous Politics And Political Culture
HHB265	The Just Society
HHB262	Political Ideologies
HHB213	Social Policy Processes
HHB224	Qualitative Research Methods

## ■ Bachelor of Social Science (HH03)

**Award title:** Bachelor of Social Science

**CRICOS code:** 001819D

**Location:** Carseldine

**Course duration (full-time):** 3 years

**Course duration (part-time):** 6 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Bob Lonnie

#### Course Requirements

Students are REQUIRED to complete:

In FIRST YEAR: Applied Skills and Scholarship (HHB116); two foundation units; two to three Introductory units; and two to three electives.

Note: A minimum of four of the eight units taken in first year must be chosen from units that are within the HH03 course.

One Primary Major Study Sequence must be chosen from the Social Science Majors offered within the HH03 course and, either, one Secondary Major Study Sequence (or two Minor Study Sequences) from those offered within the HH03 course, or, one Secondary Major Sequence (or up to two Minor Study Sequences) from those offered by Schools other than those offered in the HH03 course.

Students must ENSURE that:

- They maintain a 50% enrolment in the units that are HHB-coded until they have completed eight units;
- That a minimum of 12 of the total of 24 course units must be chosen from units that are HHB-coded.

Students who enter the course with advanced standing should discuss their enrolment with the Course Coordinator.

### Part-time Students - Year 1

During their first year, part-time students normally enrol in four units. The following is the recommended pattern of enrolment:

- HHB116 Applied Skills and Scholarship
- Two Foundation Units (one per semester)
- One Introductory Unit

### Example of Course Structure for Full-time Students

#### Year 1, Semester 1

Foundation Unit (List A)  
 Course Foundation Unit or HHB116  
 Course Foundation Unit (Primary Major) (List B)  
 Elective Unit

#### Year 1, Semester 2

Foundation Unit (List A)  
 Course Foundation Unit or HHB116  
 Course Foundation Unit (Secondary Major) (List C or other Faculty)  
 Elective Unit

#### Year 2, Semester 1

Major 1  
 Major 2  
 Major 2  
 Elective Unit

#### Year 2, Semester 2

Major 1  
 Major 1  
 Major 2  
 Elective Unit

#### Year 3, Semester 1

Major 1  
 Major 1  
 Major 2  
 Elective Unit

#### Year 3, Semester 3

Major 1  
 Major 2  
 Major 2  
 Elective Unit

### Year 1 - Part-time Students

During their first year part-time students normally enrol in four units.

The following is the recommended pattern of enrolment:

- HHB116 Applied Skills And Scholarship  
 Two Foundation Units (one per semester)(List A)  
 One Course Foundation Unit (List B)

#### List A - Foundation Units

HHB106 Australian Society And Culture  
 HHB210 Indigenous Australia: Country, Kin And Culture  
 HHB114 Introduction To Human Rights And Ethics  
 HHB103 Contemporary Social And Community Issues  
 HHB105 Interpreting Change

#### Additional First Year Requirement

HHB116 Applied Skills And Scholarship

#### List B: Introductory Units

##### Primary Major Study Areas

Applied Ethics  
 HHB115 Human Identity And Change

##### Geography and Environmental Studies

HHB107 World Regions  
 International and Global Studies  
 HHB110 Introduction To International And Global Studies  
 Political Studies  
 HHB112 Australian Politics  
 Sociology  
 HHB104 Understanding Society: Intro. To Sociology

##### Secondary Major Study Areas

Asia Pacific Studies  
 HHB122 Colonialism And Independence In Asia Pacific  
 History  
 HHB121 Interpreting The Past  
 OR

HHB122 Colonialism And Independence In Asia Pacific  
 Human Services

HHB100 Introduction To Human Services

##### Indonesian

HHB071 Indonesian 1  
 OR

HHB073 Indonesian 3

##### Japanese

HHB081 Japanese 1  
 OR

HHB083 Japanese 3

##### French

HHB061 French 1  
 OR

HHB063 French 3

##### German

HHB091 German 1  
 OR

HHB093 German 3

##### Mandarin

HHB050 Mandarin For Chinese  
 HHB051 Introductory Mandarin 1  
 HHB052 Introductory Mandarin 2

### Primary Major and Secondary Major Study Sequences

#### Applied Ethics

HHB264 Public And Professional Ethics  
 HHB268 Vulnerable Identities  
 HHB270 Gene Technology And Ethics  
 HHB265 The Just Society  
 HHB266 Ethical Decision Making  
 HHB267 Feminism And Ethics  
 HHB269 Ethics, Technology And The Environment  
 HHB328 Researching Applied Ethics

#### Geography & Environmental Studies

Environment and Resources  
 HHB227 Environment And Society  
 HHB228 Environmental Hazards  
 HHB269 Ethics, Technology And The Environment  
 HHB241 Gender and Globalisation  
 HHB251 Australian Resource Management  
 Regional and Local Studies  
 HHB250 Australian Geographical Studies  
 HHB229 Windows On Japan  
 HHB244 Southeast Asia In Focus

#### Advanced Seminar

HHB312 Geographical Research Design  
 Other Electives for Geography Major  
 HHB232 Survey Methods  
 PSB631 Geographic Information Systems 1  
 PSB655 Remote Sensing  
 NRB100 Environmental Science  
 PSB443 Population And Urban Studies

#### International and Global Studies

HHB111 Issues In International And Global Studies  
 Regional Studies  
 HHB229 Windows On Japan  
 HHB239 Korean Culture And Societies  
 HHB122 Colonialism And Independence In Asia Pacific  
 HHB243 The Pacific Since 1945  
 HHB244 Southeast Asia In Focus  
 HHB315 Sex And Drugs In South East Asia  
 HHB256 Europe Since 1945  
 HHB320 Independent Project 1  
 Geography and Development Studies

HHB107	World Regions
HHB241	Gender and Globalisation
HHB226	Consuming Cultures
Applied Ethics Studies	
HHB115	Human Identity And Change
HHB269	Ethics, Technology And The Environment
Sociology and Political Studies	
HHB263	Politics Of Globalisation
HHB225	Political Sociology
HHB235	Identities: The Body, Technology & Cyberspace
HHB310	Globalisation And Social Theory
HHB265	The Just Society
<b>Political Studies</b>	
HHB225	Political Sociology
HHB230	Political Behaviour
HHB232	Survey Methods
HHB249	Social Movements In Australia
HHB263	Politics Of Globalisation
HHB111	Issues In International And Global Studies
HHB213	Social Policy Processes
HHB255	Indigenous Politics And Political Culture
HHB262	Political Ideologies
HHB265	The Just Society
HHB224	Qualitative Research Methods
<b>Sociology</b>	
HHB232	Survey Methods
HHB233	Sex, Gender And Society
HHB234	Sociological Theory
HHB236	Virgins, Saints And Sinners: Sociology Of Religion
HHB270	Gene Technology And Ethics
HHB111	Issues In International And Global Studies
HHB224	Qualitative Research Methods
HHB225	Political Sociology
HHB226	Consuming Cultures
HHB231	Health, Society And Environment
HHB240	Sociology Of Crime And Deviance
HHB310	Globalisation And Social Theory
HHB235	Identities: The Body, Technology & Cyberspace

## Secondary Major Study Sequences

### Asia Pacific Studies

#### East Asia

HHB246	Modern China
HHB229	Windows On Japan
HHB239	Korean Culture And Societies

#### Pacific Islands

HHB242	Pacific Culture Contact
HHB243	The Pacific Since 1945
HHB245	Australia And The South Pacific

#### Southeast Asia

HHB244	Southeast Asia In Focus
HHB315	Sex And Drugs In South East Asia

#### Asia Thematic

HHB238	Asian Cultures And Societies
HHB241	Gender and Globalisation
HHB248	The USA and The Asia Pacific Region
HHB331	Advanced Seminar

### History

#### Modern Histories

HHB238	Asian Cultures And Societies
HHB242	Pacific Culture Contact
HHB243	The Pacific Since 1945
HHB245	Australia And The South Pacific
HHB315	Sex And Drugs In South East Asia
HHB246	Modern China
HHB253	Conspiracy And Dissent In Australian History
HHB248	The USA and The Asia Pacific Region
HHB256	Europe Since 1945
HHB259	War And Revolution In Europe 1914-1945
HHB260	Nations And Nationalism In Modern Europe
HHB109	Australian Historical Studies
HHB239	Korean Culture And Societies
HHB237	Brisbane in the Twentieth Century
HHB329	Advanced Project
HHB331	Advanced Seminar

#### Pre-Modern Histories

HHB257	The Classical World
HHB258	Foundations of Modern Europe
HHB261	Medieval Europe

### Human Services

#### Discipline Studies Units

HHB103	Contemporary Social And Community Issues
HHB200	Working In Human Service Organisations
HHB220	Intervention Theories And Methods
HHB117	Introduction To Social Research Methods
HHB211	Casework And Case Management
HHB213	Social Policy Processes
HHB214	Group Practice and Team Processes
HHB210	Indigenous Australia: Country, Kin And Culture
HHB215	Crisis And Conflict Resolution
HHB212	Community Work
Service Context Units	
HHB203	Aged Services: Introduction
HHB204	Child And Family Services: Introduction
HHB205	Corrective Services: Introduction
HHB206	Disability Services: Introduction
HHB207	Services To Young People: Introduction

### Languages

#### French

HHB061	French 1
HHB062	French 2
HHB063	French 3
HHB064	French 4
HHB065	French 5
HHB066	French 6
HHB067	French 7
HHB068	French 8
HHB069	French 9
HHB070	French 10
HHB060	French For The Tourism Industry

#### German

HHB091	German 1
HHB092	German 2
HHB093	German 3
HHB094	German 4
HHB095	German 5
HHB096	German 6
HHB097	German 7
HHB098	German 8

#### Indonesian

HHB071	Indonesian 1
HHB072	Indonesian 2
HHB073	Indonesian 3
HHB074	Indonesian 4
HHB075	Indonesian 5
HHB076	Indonesian 6
HHB077	Indonesian 7
HHB078	Indonesian 8

#### Japanese

HHB081	Japanese 1
HHB082	Japanese 2
HHB083	Japanese 3
HHB084	Japanese 4
HHB085	Japanese 5
HHB086	Japanese 6
HHB087	Japanese 7
HHB088	Japanese 8

#### Mandarin

HHB050	Mandarin For Chinese
HHB051	Introductory Mandarin 1
HHB052	Introductory Mandarin 2

## ■ Bachelor of Social Science (Human Services) (HH02)

**Award title:** Bachelor of Social Science (Human Services)

**CRICOS code:** 001819D

**Location:** Carseldine

**Course duration (full-time):** 3 years

**Course duration (part-time):** 6 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Marie Knox



### Professional Membership

Graduates are entitled to apply for membership of the Australian Institute of Welfare and Community Workers.

### Full-time Course Structure

#### *Year 1, Semester 1*

- HHB116 Applied Skills And Scholarship
- HHB100 Introduction To Human Services
- HHB104 Understanding Society: Intro. To Sociology
- HHB114 Introduction To Human Rights And Ethics  
OR Elective Unit (preferably from List A)

#### *Year 1, Semester 2*

- HHB113 Interpersonal Communication
- HHB102 The Human Condition
- HHB103 Contemporary Social And Community Issues
- HHB114 Introduction To Human Rights And Ethics  
OR Elective Unit (preferably from List A) NOTE: HHB114 must be selected in either Semester 1 or 2.

#### *Year 2, Semester 1*

- HHB220 Intervention Theories And Methods
- HHB201 Initial Professional Practice  
One unit from List B (Introductory Service Units)

#### *Year 2, Semester 2*

- HHB222 Human Service Practice: Legal Dimension
- HHB200 Working In Human Service Organisations
- HHB221 Intervention Processes And Ethics  
One unit from List C (Professional Skills Units)

#### *Year 3, Semester 1*

- One unit from List C (Professional Skills Units)
- One unit from List D (Advanced Service Units)
- One unit from Lists B or C
- Any other elective unit

#### *Year 3, Semester 2*

- HHB300 Current Developments In Human Services
- HHB301 Advanced Professional Practice

### Electives (Lists A-D)

#### *List A - Elective Units*

- HHB106 Australian Society And Culture
- HHB110 Introduction To International And Global Studies
- HHB111 Issues In International And Global Studies
- HHB105 Interpreting Change
- HHB115 Human Identity And Change
- HHB275 Human Rights: Australian Activism
- HHB210 Indigenous Australia: Country, Kin And Culture
- HHB112 Australian Politics

#### *List B - Introductory Service Context Units (Available Semester 1 only)*

- HHB203 Aged Services: Introduction
- HHB204 Child And Family Services: Introduction
- HHB205 Corrective Services: Introduction
- HHB206 Disability Services: Introduction
- HHB207 Services To Young People: Introduction

#### *List C - Professional Skills Units*

- HHB117 Introduction To Social Research Methods
- HHB215 Crisis And Conflict Resolution
- HHB212 Community Work
- HHB211 Casework And Case Management
- HHB213 Social Policy Processes
- HHB214 Group Practice and Team Processes
- HHB210 Indigenous Australia: Country, Kin And Culture

#### *List D - Advanced Service Contexts Units (Available Semester 1 only)*

- HHB303 Aged Services: Advanced
- HHB304 Child And Family Services: Advanced
- HHB305 Corrective Services: Advanced
- HHB306 Disability Services: Advanced
- HHB307 Services To Young People: Advanced

### Part-time Course Structure

Students wishing to study on a part-time basis should consult the timetable and the course coordinator before selecting an enrolment program

NOTE: it may not be possible to undertake all units in the evening.



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## Section Three – Course Information

# Information Technology

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## OVERVIEW

QUT's Faculty of Information Technology is one of the leading providers of information technology courses in Australia and is fast becoming internationally renowned for excellence in information technology and research. The Faculty is located at Gardens Point Campus and also offers courses at Carseldine Campus.

The Faculty comprises two schools:

- School of Software Engineering and Data Communications
- School of Information Systems

As well as the knowledge gained from many years of running successful courses, Information Technology (IT) at QUT benefits from its close links with business and industry. Representatives of the IT industry are active contributors to the development and continual refinement of courses at QUT. The Faculty also coordinates a very successful Cooperative Education Program with the IT industry. The program offers high achieving IT students the option of completing 10-12 months paid professional experience in an IT organisation.

The Faculty has more than 3000 students, with 25 per cent being international students from some 15 countries, studying our postgraduate and undergraduate courses. We continue to expand with the demand for graduates who can face not just today's challenges, but who can also tackle an unimagined future with confidence and innovation.

The Faculty promotes practical teaching and leadership in applied research that directly benefits industry and the professions. The lecturers are real-world professionals with years of relevant experience.

The Faculty draws on the talents of more than 110 academics, of which 20 per cent come from different countries such as Algeria, Canada, France, Germany, Holland, Hungary, Israel, Malaysia, New Zealand, Poland, Singapore, Taiwan, UK, USA, and Vietnam.

## SENIOR STAFF

### Faculty Office

*Dean:* Professor K.J. Gough, MSc PhD *Well.*, FNZEI, MIEEE, MACM, MACS

*Director of Research:* Professor B. Pham, PhD *Tas*, DipEd *Monash*, ACM, IEEE, ACSC, APRS

*Director of Teaching and Learning:* Associate Professor Christine Bruce, BA *Qld*, GradDipLibSc *QUT*, MEd(Res) *QUT*, PhD *UNE*

*Assistant Dean (Postgraduate Studies):* Dr A Anderson, BSc, MInfSys *Qld*, PhD *QUT*, LMusA

*Assistant Dean (Undergraduate Studies):* Dr A.B. Tickle, BSc *Qld*, GradDipMgt *CQU*, MSc *Qld*, PhD *QUT*

*Administration Manager:* C.M. Stephens, BA *UNE*, GradCertHigherEd *Griff*

### School of Software Engineering and Data Communications

*Head:* Professor W. Caelli, BSc(Hons) *N'cle NSW*, PhD *ANU*, FACS, FTICA, MIEEE

*Deputy Head:* Associate Professor M. Looi, BEng(Hons), BAppSc, PhD, MIEEE, MACS, CDec

*Professors:*

E. Dawson, BSc DipEd *Wash*, MA *Syd*, MLittSt, MSc *Qld*, PhD, FTICA, MIEEE, MCMSA, MIACR

*Adjunct Professors:*

D. Longley, BSc(Physics)(Hons) *Manc*, MSc(Tech) *UMIST*, PhD *Leic*, CEng, FIEE, FAIM

G. Mohay, BSc(Hons) *WAust*, PhD *Monash*, MACS, MACM, MIEEE

*Associate Professors:*

C. Boyd, BSc, PhD *Warwick*, CMath

P. Roe, MEng(Hons) *York*, PhD *Glas*, MACM

J. Sitte, PhD *Uppsala*, APS, MINNS, MIEEE

### School of Information Systems

*Head:* Associate Professor B.A. Underwood, BBus *QIT*, MS(MIS) *TexasTech*, MBA *Qld*, PhD, FACS, PCP

*Professor:* G.Gable, DipCompSys *NAIT*, Bcom *Alta*, MBA *W.Ontario*, PhD *Brad.*, ACS, AIR, IRMA

*Associate Professors:*

A. ter Hofstede, MSc PhD *KUN*

M. Rosemann, MBA, PhD *Muenster*

## RESEARCH CENTRES

### Centre for Information Technology Innovation (CITI)

CITI was established in 2002 bringing together four research areas: Cooperative Information Systems, Information Systems Management, Programming Languages and Systems, and Smart Devices. The Centre is capable of undertaking high quality integrated and multi-disciplinary research projects in IT.

*Director:* Associate Professor M. Rosemann, MBA, PhD *Muenster*

Phone: +61 7 3864 9486

### Information Security Research Centre (ISRC)

ISRC has developed a national and international reputation in all aspects of the security of information systems and networks over the past fifteen years. The Centre has four main research areas: Cryptology, Networks, and Systems Security, Cyber Policy and Law, and Secure Electronic Commerce.

*Director:* Professor E. Dawson, BSc DipEd *Wash.*, MA *Syd.*, MLittSt MSc *Qld*, PhD, FTICA, MIEEE, MCMSA, MIACR

Phone: +61 7 3864 2846

## ■ Master of Information Technology (IT Graduate) (IT40)

**Award title:** Master of Information Technology (Study Area A)

**CRICOS code:** 003776E

**Location:** Gardens Point

**Course duration (full-time):** 1.5 years

**Course duration (part-time):** 3 years

**Total credit points:** 144

**Course coordinator:** Dr Alison Anderson

### Overview

This program is designed for Information technology graduates who wish to update and upgrade their knowledge and skills for purposes of further career development. The course assists IT graduates to acquire specialised knowledge in an area of information technology and/or widen their knowledge into new areas of information technology. The course offers approximately 60 units spread across the broad areas of Software Engineering, Data Communications and Information Systems. A specialisation in Electronic Commerce is available.

### Entry requirements

Students can elect to be admitted to either the Graduate Diploma in Information Technology (IT35) or the Master of Information Technology (IT40). Students who complete IT35 can subsequently seek admission to IT40 and are only required to undertake an additional four units to meet the requirements for the Masters degree. Applicants for either IT35 or IT40 must have:

a) a bachelors degree in Information Technology with a grade point average of at least 4.5 (7-point scale) OR b) provide other evidence of such qualifications and level of performance, as will satisfy the Dean of Faculty that the applicant possesses the capacity to pursue the course of study.

## ■ Master of Information Technology (Non-IT Graduates) (IT45)

**Award title:** Master of Information Technology

**CRICOS code:** 003776E

**Location:** Gardens Point

**Course duration (full-time):** 1.5 years

**Course duration (part-time):** 3 years

**Total credit points:** 144

**Course coordinator:** Dr Alison Anderson

### Entry requirements

Students can elect to be admitted to either the Graduate Diploma in Information Technology (IT38) or the Master of Information Technology (IT45). Students who complete IT38 can subsequently seek admission to IT45 and are only required to undertake an additional four units to meet the requirements for the Masters degree. Applicants for either IT38 or IT45 must have: a Bachelors degree in a discipline other than Information Technology with a grade point average of at least 4.5 (7 point scale)

AND

have successfully completed, at undergraduate level, an introductory programming unit in a block structured language, for example: C, Java, Modula 2 or Pascal OR provide other evidence of such qualifications and level of performance, as will satisfy the Dean of Faculty that the applicant possesses the capacity to pursue the course of study.

### Course Structure

To graduate from the Master of Information Technology (IT45) students are required to complete 12 units, consisting of:

3 x Block 1: Compulsory Introductory units

3 x Block 2: Intermediate units

3 x Block 3: Advanced Level units

3 units selected from any of the above blocks, no more than one of which can be selected from Block 1.

To exit the Masters course with a Graduate Diploma in Information Technology (IT38), students are required to have completed 8 units, consisting of:

3 x Block 1: Compulsory Introductory Units

3 x Block 2: Intermediate Units

2 units selected from Blocks 1, 2 or 3, no more than one of which can be selected from Block 1.

Students who have completed the Graduate Diploma in Library and Information Studies (IT25) with a Grade Point Average of at least 4.5 will receive 96 credit points of exemptions towards the Master of Information Technology (IT45) and will complete the following program of studies:

ITN510 Data Communications

ITN350 Information Contexts

2 elective units to be selected in consultation with the Course Coordinator

## ■ Master of Information Technology (Research) (IT60)

**Award title:** Master of Information Technology (Research)

**CRICOS code:** 020309B

**Location:** Gardens Point

**Course duration (full-time):** 1 year minimum (2 semesters), 2 years maximum (4 semesters)

**Course duration (part-time):** 2 years minimum (4 semesters), 4 years maximum (8 semesters)

**Total credit points:** 144

**Course coordinator:** Associate Professor Colin Boyd

### Entry requirements

An approved degree in information technology from a recognised tertiary institution or an equivalent qualification, with a grade point average equal to, or greater than 5 (7 point scale), or an approved degree from a recognised tertiary institution plus evidence of professional experience and skills to satisfy the academic board that the applicant possesses the capacity to pursue the course of study. The evidence should include details of any project or research activities undertaken.

An essential step in gaining admission to the degree is the choice of a research topic and the formulation of a research plan which meets with the Faculty's approval. Students should discuss their research proposal with Faculty staff at an early stage.

### Course Structure

Students with IIA Honours (or better) in an information technology-related course will normally be enrolled in the Master of Information Technology (Research) with an expected completion date of one year of full time study.

Students may undertake the Master of Information Technology (Research) either full-time or part-time. The minimum time prescribed is one and a half years full-time (including six months of provisional registration) or three years part-time (including one year of provisional registration). The maximum time is three years full-time (including one year of provisional registration) or six years part-time (including two years of provisional registration). Students may apply for a reduction in the minimum time requirement if they are able to demonstrate exceptional circumstances relating to their academic or professional background.

### Course structure

#### Full-time Course Structure

A program of research and investigation developed in conjunction with the Principal Supervisor and approved by the Faculty Research Committee (Workload equivalent to 48 credit points per semester)

**Part-time Course Structure**

A program of research and investigation developed in conjunction with the Principal Supervisor and approved by the Faculty Research Committee (Workload equivalent to 24 credit points per semester)

**■ Graduate Diploma in Information Technology (IT Graduates) (IT35)**

**Award title:** Graduate Diploma in Information Technology (Study Area A)

**CRICOS code:** 018771J

**Location:** Gardens Point

**Course duration (full-time):** 1 years

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Course coordinator:** Dr Alison Anderson

**Entry requirements**

Students can elect to be admitted to either the Graduate Diploma in Information Technology (IT35) or the Master of Information Technology (IT40). Students who complete IT35 can subsequently seek admission to IT40 and are only required to undertake an additional four units to meet the requirements for the Masters degree. Applicants for either IT35 or IT40 must have:

a) a bachelors degree in Information Technology with a grade point average of at least 4.5 (7-point scale)

OR

b) provide other evidence of such qualifications and level of performance, as will satisfy the Dean of Faculty that the applicant possesses the capacity to pursue the course of study

**Course Structure**

**Block A Units**

- ITN523 Data Communications Units
- ITN523 Data Security
- ITN524 Internetworking
- ITN549 Error Control And Data Compression
- ITN566 Introduction To Cryptology
- Information Systems Units
- ITN218 Applications Programming
- ITN220 Major Issues In Information Technology
- ITN227 Web Applications
- ITN228 Enterprise Systems
- ITN232 Database Systems
- ITN233 Enterprise Systems Applications
- ITN236 Object-Oriented Analysis and Design
- ITN264 Information Systems Consulting
- ITN266 Principles Of Information Management
- ITN267 Data Warehousing For Decision Support
- ITN322 Information Resources
- ITN330 Information Issues
- Software Engineering Units
- ITN413 Computer Architecture
- ITN414 Software Development 3
- ITN415 Object Technology
- ITN424 Software Engineering Principles
- ITN427 Concurrent And Distributed Systems
- ITN433 Programming Languages
- ITN441 Foundations Of Artificial Intelligence
- ITN456 Graphic User Interfaces
- ITN461 Foundations Of Neurocomputing

**Block B Units**

- Data Communications Units
- ITN100 Research Methodology
- ITN525 Network Administration
- ITN527 Network Technologies
- ITN529 Network Services
- ITN531 Network Security
- ITN533 Comparative Network Systems
- ITN536 Topics In Security
- ITN551 Network Planning
- ITN556 Advanced Topics In Cryptology
- ITN564 Application Services
- ITN565 Network Management

- ITN567 Access Control
- ITN568 Wireless Networks
- ITN569 Network Security For E-Commerce
- ITN578 Minor Project 1 (DC)
- Information Systems Units
- ITN100 Research Methodology
- ITN234 Information Analysis
- ITN235 Distributed Object Information Systems
- ITN244 Special Topic 1a
- ITN245 R/3 Systems Administration
- ITN252 Process Engineering
- ITN253 Case Studies In Enterprise Systems
- ITN254 Interactivity Design
- ITN257 Multimedia Systems
- ITN258 ABAP Programming
- ITN259 Advanced Multimedia Systems
- ITN260 E-Commerce Site Development
- ITN262 E-Commerce Technologies
- ITN263 Web Intelligence For E-Commerce
- ITN271 Workflow Management
- ITN272 Information Technology Project Management
- ITN335 Digital Libraries
- Software Engineering Units
- ITN100 Research Methodology
- ITN421 Software Specification
- ITN431 Distributed Systems
- ITN432 Advanced Programming Laboratory
- ITN434
- ITN451 Research Literature Studies
- ITN440 Graphics
- ITN443 Neurocomputing
- ITN445 Pattern Recognition
- ITN447 Special Studies
- ITN450 Compiler Laboratory
- ITN454 Software Quality Assurance
- ITN457 Windows Programming
- ITN458 Java And Extensible Programming
- ITN464 Modern Compiler Construction
- ITN466 Component Technology
- ITN469 Unix System Programming And Administration
- ITN470 Windows 2000 System Programming And Administration
- ITN471

General Electives

MGN428 Managing New Businesses

**Project Units**

Each School offers 12, 24 and 48 credit point projects.

**■ Graduate Diploma in Information Technology (Non-IT Graduates) (IT38)**

**Award title:** Graduate Diploma in Information Technology

**CRICOS code:** 018771J

**Location:** Gardens Point

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Course coordinator:** Dr Alison Anderson

**Entry requirements**

Students can elect to be admitted to either the Graduate Diploma in Information Technology (IT38) or the Master of Information Technology (IT45). Students who complete IT38 can subsequently seek admission to IT45 and are only required to undertake an additional four units to meet the requirements for the Masters degree. Applicants for either IT38 or IT45 must have: a Bachelors degree in a discipline other than Information Technology with a grade point average of at least 4.5 (7 point scale); AND have successfully completed, at undergraduate level, an introductory programming unit in a block structured language, for example: C, Java, Modula 2 or Pascal OR provide other evidence of such qualifications and level of performance, as will satisfy the Dean of Faculty that the applicant possesses the capacity to pursue the course of study.

### Course Structure

To graduate from the Master of Information Technology (IT45) students are required to complete 12 units, consisting of: 3 x

Block 1: Compulsory Introductory Units 3 x Block 2: Intermediate Units 3 x Block 3: Advanced Level Units 3 units selected from any of the above blocks, but at most one of which can be selected from Block 1. To exit the Masters course with a Graduate Diploma in Information Technology (IT38), students are required to have completed eight units, consisting of: 3 x Block 1: Compulsory Introductory Units 3 x Block 2: Intermediate Units 2 units selected from Blocks 1,2 or 3, but at most one of these can be selected from Block 1.

### Masters Qualify Program

The Master of Information Technology Qualifying Program allows applicants who do not have the Programming unit prerequisite but meet the academic requirement for entry to the Master/Graduate Diploma in Information Technology (IT45/IT38) to undertake units in the course while simultaneously undertaking an introductory programming unit.

Students in the Qualifying Program would undertake ITB410 Software Development 1, an undergraduate programming unit, and three postgraduate units.

Applicants for the Qualifying Program must have: A bachelor's degree in a discipline other than Information Technology with a grade point average of a least 4.5 (7 point scale).

### Course structure

#### Block 1: Introductory Units Compulsory Units

ITN212	Information Modelling For Databases
ITN410	Software Principles
ITN510	Data Communications

#### Optional Units

ITN211	Systems Analysis And Design
ITN412	Technology Of Information Systems

#### Block 2: Intermediate Units

Computing Science	
ITN413	Computer Architecture
ITN414	Software Development 3
ITN415	Object Technology
ITN424	Software Engineering Principles
ITN427	Concurrent And Distributed Systems
ITN433	Programming Languages
ITN440	Graphics
ITN441	Foundations Of Artificial Intelligence
ITN445	Pattern Recognition
ITN454	Software Quality Assurance
ITN456	Graphic User Interfaces
ITN461	Foundations Of Neurocomputing

#### Data Communications

ITN523	Data Security
ITN524	Internetworking
ITN549	Error Control And Data Compression
ITN566	Introduction To Cryptology
ITN567	Access Control
ITN569	Network Security For E-Commerce

#### Information Systems

ITN218	Applications Programming
ITN220	Major Issues In Information Technology
ITN223	4gl Systems
ITN227	Web Applications
ITN228	Enterprise Systems
ITN232	Database Systems
ITN233	Enterprise Systems Applications
ITN236	Object-Oriented Analysis and Design
ITN251	Issues In Information Technology Management
ITN264	Information Systems Consulting
ITN266	Principles Of Information Management
ITN267	Data Warehousing For Decision Support
ITN322	Information Resources
ITN330	Information Issues
ITN350	Information Contexts

#### Block 3: Advanced Units

Computing Science	
ITN420	Comparative Programming Languages

ITN421	Software Specification
ITN431	Distributed Systems
ITN432	Advanced Programming Laboratory
ITN443	Neurocomputing
ITN446	Minor Project 1 (CS)
ITN447	Special Studies
ITN450	Compiler Laboratory
ITN451	Research Literature Studies
ITN457	Windows Programming
ITN458	Java And Extensible Programming
ITN466	Component Technology
ITN469	Unix System Programming And Administration
ITN470	Windows 2000 System Programming And Administration
Data Communications	
ITN525	Network Administration
ITN527	Network Technologies
ITN529	Network Services
ITN531	Network Security
ITN536	Topics In Security
ITN556	Advanced Topics In Cryptology
ITN564	Application Services
ITN568	Wireless Networks
ITN569	Network Security For E-Commerce
Information Systems	
ITN234	Information Analysis
ITN235	Distributed Object Information Systems
ITN243	Knowledge-Based Systems
ITN244	Special Topic 1a
ITN245	R/3 Systems Administration
ITN265	Management Of Information Programs
ITN248	Minor Project 2 (IS)
ITN246	Minor Project 1 (IS)
ITN252	Process Engineering
ITN253	Case Studies In Enterprise Systems
ITN271	Workflow Management
ITN254	Interactivity Design
ITN255	Knowledge Management
ITN257	Multimedia Systems
ITN258	ABAP Programming
ITN259	Advanced Multimedia Systems
ITN260	E-Commerce Site Development
ITN262	E-Commerce Technologies
ITN263	Web Intelligence For E-Commerce
ITN335	Digital Libraries
ITN361	Information User Instruction
ITN272	Information Technology Project Management
General	
MGN428	Managing New Businesses
E-Commerce Specialisation	
Block 2: Intermediate Units	
ITN227	Web Applications
ITN232	Database Systems
ITN415	Object Technology
ITN523	Data Security
ITN524	Internetworking
ITN529	Network Services
Block 3: Advanced Units	
ITN257	Multimedia Systems
ITN260	E-Commerce Site Development
ITN262	E-Commerce Technologies
ITN263	Web Intelligence For E-Commerce
ITN458	Java And Extensible Programming

## ■ Graduate Diploma in Library and Information Studies (IT25)

**Award title:** Graduate Diploma in Library and Information Studies

**CRICOS code:** 006379E

**Location:** Gardens Point

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Course coordinator:** Mr Michael Middleton

### Entry requirements

Applicants must hold an appropriate degree or a three-year diploma from a recognised tertiary institution in a discipline other than library science AND have completed a degree-level introductory unit in computing e.g. ITB829 Introduction to Information Systems or BSB112 Introduction to Electronic Commerce. Completion of other subjects not listed on the approved prerequisite units list must be accompanied by a unit abstract or similar document highlighting the relevant content.

### Professional Recognition

The Graduate Diploma in Library and Information Studies is recognised by the Australian Library and Information Association as fulfilling academic requirements for admission to the association as a professional member.

### Course Structure - Full Time

#### Year 1, Semester 1

ITN211	Systems Analysis And Design
ITN266	Principles Of Information Management
ITN336	Information Sources 1
ITN337	Information Organisation 1

#### Year 1, Semester 2

ITN338	Information Resources Provision
ITN339	Professional Practice
ITN265	Management Of Information Programs
	One unit selected from the following:
ITN330	Information Issues
ITN212	Information Modelling For Databases
ITN335	Digital Libraries
ITN361	Information User Instruction

### Course Structure - Part Time

#### Year 1, Semester 1

ITN337	Information Organisation 1
ITN336	Information Sources 1

#### Year 1, Semester 2

ITN338	Information Resources Provision
ITN265	Management Of Information Programs

#### Year 2, Semester 1

ITN211	Systems Analysis And Design
ITN266	Principles Of Information Management

#### Year 2, Semester 2

ITN339	Professional Practice
	One unit selected from the following
ITN330	Information Issues
ITN212	Information Modelling For Databases
ITN335	Digital Libraries
ITN361	Information User Instruction

## ■ Bachelor of Information Technology (Honours) (IT28)

**Award title:** Bachelor of Information Technology (Honours)

**CRICOS code:** 017323G

**Location:** Gardens Point

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Course coordinator:** Dr Jim Hogan

### Entry requirements

A Bachelor of Information Technology from QUT or its equivalent, completed within 18 months prior to enrolment with a minimum grade point average of 5 on a 7-point scale or its equivalent OR demonstrated outstanding performance in the final year of the degree OR work experience or research considered appropriate by the Course Coordinator.

### The "Accelerated" Honours Program

The 'Accelerated Honours' program has been structured to provide an incentive for high achieving Bachelor of Information Technology (IT21) students to continue into the Faculty's Honours Program. See IT29 for further information.

### Course structure

#### Full-time Course Structure - Year 1, Semester 1

ITN100	Research Methodology
ITN150-1	Honours Dissertation
	Elective
	Elective

#### Full-time Course Structure - Year 1, Semester 2

ITN150-2	Honours Dissertation
ITN150-3	Honours Dissertation
ITN150-4	Honours Dissertation
	Elective
	Elective

Elective Units - with approval of course coordinator, elective units may be chosen from advanced level units normally in the area of student's undergraduate major.

Full-time students should be aware many electives may only be offered evenings only.

## ■ Bachelor of Information Technology (Honours) - Accelerated Program (IT29)

**Award title:** Bachelor of Information Technology (Honours)

**CRICOS code:** 017323G

**Location:** Gardens Point

**Course duration (full-time):** 2 semesters

**Total credit points:** 96

**Course coordinator:** Dr Jim Hogan

### Course Structure - Full Time

#### Year 3, Semester 1\*

Elective

#### Year 3, Semester 2

ITN100	Research Methodology
ITN150-1	Honours Dissertation
	Elective
	Elective

#### Year 3, Semester 3

ITN150-2	Honours Dissertation
ITN150-3	Honours Dissertation
ITN150-4	Honours Dissertation
	Elective

\* The first semester of the Accelerated Honours Program occurs in the final semester of the IT21 course (48 credit points remaining). This involves a concurrent enrolment with IT21 (36 credit points enrolment) and 12 credit points Honours elective undertaken within the IT29 course. Elective Units - With the approval of the Course Coordinator, elective units may be chosen from advanced level postgraduate units, normally in the area of the student's undergraduate major. Students should note that many electives might be offered in the evenings only.

## ■ Bachelor of Information Technology (IT21)

**Award title:** Bachelor of Information Technology (Study Area A)

**CRICOS code:** 012656E

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 3 years

**Course duration (part-time):** 6 years (not available at Carseldine)

**Total credit points:** 288

**Course coordinator:** Dr Alan Tickle

### Professional Recognition

Graduates of the Bachelor of Information Technology meet the knowledge requirement for admission to the Australian Computer Society (ACS) as members.

### Cooperative Education Program

The Cooperative Education Program is a joint venture between employers and educators to better prepare students for employment upon graduation. It is a year when students undertake an industry placement applying theory to practical situations.

Entry to the program is based on academic performance in the first two years of the Bachelor of Information Technology. Companies that QUT's Cooperative Education students have



worked with include Energex, Boeing, CITEC, Global Banking and Securities Transaction, various Queensland Government departments, Dialog, TABQ, RACQ, Sun Microsystems. Students must have a Grade Point Average (GPA) of 4.5 (on a 7-point scale) or have passed all units at the first attempt and must not exceed 96 credit points of exemptions for prior studies. Students receive ungraded credit for successful completion of the program, currently equivalent to one unit (12 credit points). For more information visit the Faculty's Cooperative Education program home page at [www.fit.qut.edu.au](http://www.fit.qut.edu.au).

### Course Outline

#### Block 1: Common First Year (8 Units)

#### Block 2: Major (12 Units)

- Data Communications
- Electronic Commerce
- Information Systems
- Software Engineering

#### Block 2: Major (14 Units)

- Emerging Technologies
- Data Communications and Information Systems
- Data Communications and Software Engineering

#### Block 3: Electives

4 Units for the following majors

- Data Communications
- Electronic Commerce
- Information Systems
- Software Engineering

2 Units for the following majors

- Emerging Technologies
- Data Communications and Information Systems
- Data Communications and Software Engineering

### Course structure - Common First Year- full time

#### Common First Year, Semester 1

- ITB111 Software Development 1
- ITB113 Introduction to Computer Architecture and System Software
- ITB115 Introduction to Databases
- ITB116 Professional Studies 1

#### Common First Year, Semester 2

- ITB112 Software Development 2
- ITB114 Introduction to Network Technologies
- ITB117 Professional Studies 2
- ITB118 Systems Life Cycle

### Course structure -Common First Year- part time

#### Year 1, Semester 1

- ITB111 Software Development 1
- ITB115 Introduction to Databases

#### Year 1, Semester 2

- ITB113 Introduction to Computer Architecture and System Software
- ITB116 Professional Studies 1

#### Year 2, Semester 1

- ITB112 Software Development 2
- ITB118 Systems Life Cycle

#### Year 2, Semester 2

- ITB114 Introduction to Network Technologies
- ITB117 Professional Studies 2

### Course structure - Data Communications Major - full time

#### Year 2, Semester 1

- KWB010 Communication For The It Specialist
- ITB421 Software Development 3
- ITB524 Internetworking
- MAB177 Mathematics For Data Communications

#### Year 2, Semester 2

- ITB525 Network Administration
- ITB527 Network Technologies
- ITB523 Data Security
- ITB529 Network Services

#### Year 3, Semester 1

Data Communications Specialisation Units (4 units to be selected)

- ITB533 Comparative Network Systems
- ITB551 Network Planning
- ITB564 Application Services
- ITB565 Network Management

- ITB566 Introduction To Cryptology
- ITB569 Network Security For E-Commerce
- ITB576 Data Communications Project 1
- ITB578 Special Topic 1
- ITB579 Special Topic 2
- ITB272 Information Technology Project Management

#### Year 3, Semester 2

- Block 3 Elective Unit
- Block 3 Elective Unit
- Block 3 Elective Unit
- Block 3 Elective Unit

### Course structure - Data Communications Major - part time

#### Year 3, Semester 1

- ITB524 Internetworking
- MAB177 Mathematics For Data Communications

#### Year 3, Semester 2

- ITB421 Software Development 3
- ITB523 Data Security

#### Year 4, Semester 1

- ITB525 Network Administration
- ITB527 Network Technologies

#### Year 4, Semester 2

- KWB010 Communication For The It Specialist
- ITB529 Network Services

#### Year 5, Semester 1

- Data Communications Specialisation Unit
- Block 3 Elective Unit

#### Year 5, Semester 2

- Data Communications Specialisation Unit
- Block 3 Elective Unit

#### Year 6, Semester 1

- Data Communications Specialisation Unit
- Block 3 Elective Unit

#### Year 6, Semester 2

- Data Communications Specialisation Unit
- Block 3 Elective Unit
- Data Communications Specialisation Units (4 units to be selected)

- ITB533 Comparative Network Systems
- ITB551 Network Planning
- ITB564 Application Services
- ITB565 Network Management
- ITB566 Introduction To Cryptology
- ITB569 Network Security For E-Commerce
- ITB576 Data Communications Project 1
- ITB578 Special Topic 1
- ITB579 Special Topic 2
- ITB272 Information Technology Project Management

### Course structure - Electronic Commerce Major - full time

#### Year 2, Semester 1

- KWB010 Communication For The It Specialist
- ITB227 Web Applications
- ITB523 Data Security
- ITB524 Internetworking

#### Year 2, Semester 2

- ITB229 Information Systems Specification
- ITB222 Business Systems Analysis
- ITB228 Enterprise Systems
- Block 3 Elective Unit (Business Studies)

#### Year 3, Semester 1

- ITB260 E-Commerce Site Development
- Electronic Commerce Elective Unit
- Electronic Commerce Elective Unit
- Block 3 Elective Unit (Business Studies)

#### Year 3 Semester 2

- BSB213 Legal Issues In Electronic Business
- Electronic Commerce Elective Unit
- Block 3 Elective Unit (Business Studies)
- Block 3 Elective Unit (Business Studies)
- Electronic Commerce Electives (Select three (3) units)

#### Advanced Programming

- ITB421 Software Development 3
- ITB448 Object Technology
- ITB457 Windows Programming
- ITB458 Java And Extensible Programming

Commercial Applications  
 ITB218 Applications Programming  
 ITB223 4GL Systems  
 ITB258 ABAP Programming  
 Component Technology  
 ITB421 Software Development 3  
 ITB448 Object Technology  
 ITB466 Component Technology  
 Databases  
 ITB232 Database Systems  
 ITB234 Information Analysis  
 ITB235 Distributed Object Information Systems  
 Electronic Commerce Technologies  
 ITB262 E-Commerce Technologies  
 ITB263 Web Intelligence For E-Commerce  
 Error Control/Cryptography  
 ITB569 Network Security For E-Commerce  
 ITB566 Introduction To Cryptology  
 MAB177 Mathematics For Data Communications  
 Information Systems  
 ITB233 Enterprise Systems Applications  
 ITB241 Information Technology Management  
 ITB264 Information Systems Consulting  
 Multimedia  
 ITB254 Interactivity Design  
 ITB257 Multimedia Systems  
 ITB259 Advanced Multimedia Technologies  
 Network Administration  
 ITB525 Network Administration  
 ITB533 Comparative Network Systems  
 ITB565 Network Management  
 Systems Administration  
 ITB421 Software Development 3  
 ITB427 Concurrent And Distributed Systems  
 ITB470 Windows 2000 System Programming And Administration  
 Project Management  
 ITB272 Information Technology Project Management  
 Students who complete the Cooperative Education Program will substitute ITB906 for an Electronic Commerce Elective

**Course structure - Electronic Commerce Major - part time**

*Year 3, Semester 1*  
 ITB222 Business Systems Analysis  
 ITB228 Enterprise Systems  
*Year 3, Semester 2*  
 KWB010 Communication For The It Specialist  
 ITB227 Web Applications  
*Year 4, Semester 1*  
 ITB229 Information Systems Specification  
 ITB524 Internetworking  
*Year 4, Semester 2*  
 ITB523 Data Security  
 Block 3 Elective Unit (Business Studies)  
*Year 5, Semester 1*  
 Electronic Commerce Elective  
 Block 3 Elective Unit (Business Studies)  
*Year 5, Semester 2*  
 BSB213 Legal Issues In Electronic Business  
 ITB260 E-Commerce Site Development  
*Year 6, Semester 1*  
 Electronic Commerce Elective  
 Block 3 Elective Unit (Business Studies)  
*Year 6, Semester 2*  
 Electronic Commerce Elective  
 Block 3 Elective Unit (Business Studies)  
 Electronic Commerce Electives (Select three (3) units)

Advanced Programming  
 ITB421 Software Development 3  
 ITB448 Object Technology  
 ITB457 Windows Programming  
 ITB458 Java And Extensible Programming  
 Commercial Applications  
 ITB218 Applications Programming  
 ITB223 4GL Systems  
 ITB258 ABAP Programming  
 Component Technology  
 ITB421 Software Development 3  
 ITB448 Object Technology

ITB466 Component Technology  
 Databases  
 ITB232 Database Systems  
 ITB234 Information Analysis  
 ITB235 Distributed Object Information Systems  
 Electronic Commerce Technologies  
 ITB262 E-Commerce Technologies  
 ITB263 Web Intelligence For E-Commerce  
 Error Control/Cryptography  
 ITB549 Error Control And Data Compression  
 ITB566 Introduction To Cryptology  
 MAB177 Mathematics For Data Communications  
 Information Systems  
 ITB233 Enterprise Systems Applications  
 ITB241 Information Technology Management  
 ITB264 Information Systems Consulting  
 Multimedia  
 ITB254 Interactivity Design  
 ITB257 Multimedia Systems  
 ITB259 Advanced Multimedia Technologies  
 Network Administration  
 ITB525 Network Administration  
 ITB533 Comparative Network Systems  
 ITB565 Network Management  
 Systems Administration  
 ITB421 Software Development 3  
 ITB427 Concurrent And Distributed Systems  
 ITB470 Windows 2000 System Programming And Administration  
 Project Management  
 ITB272 Information Technology Project Management  
 Students who complete the Cooperative Education Program will substitute ITB906 for an Electronic Commerce Elective

**Course structure - Emerging Technologies Major -full time**

*Year 2, Semester 1*  
 KWB010 Communication For The It Specialist  
 MGB223 Creating New Enterprises  
 OR#  
 MGB218 Venture Skills  
 IT21 Block 2 Unit  
 IT21 Block 2 Unit  
 # Students are only required to complete either MGB223 or MGB218  
*Year 2, Semester 2*  
 ITB222 Business Systems Analysis  
 OR  
 ITB424 Software Engineering Principles  
 IT21 Block 2 Unit  
 IT21 Block 2 Unit  
 IT21 Block 2 Unit  
*Year 3, Semester 1*  
 Emerging Technologies Elective Unit  
 Emerging Technologies Elective Unit  
 Emerging Technologies Elective Unit  
 ITB240 Project (Information Systems)  
 OR  
 ITB447 Project  
 OR  
 ITB576 Data Communications Project 1  
*Year 3, Semester 2*  
 ITB272 Information Technology Project Management  
 Emerging Technologies Elective Unit  
 Block 3 Elective Unit  
 Block 3 Elective Unit

**Emerging Technologies Electives (minimum of 4 units to be selected)**

Information Systems  
 ITB233 Enterprise Systems Applications  
 ITB234 Information Analysis  
 ITB236 Object-Oriented Analysis And Design  
 ITB241 Information Technology Management  
 ITB243 Knowledge-Based Systems  
 ITB245 R/3 Systems Administration  
 ITB254 Interactivity Design  
 ITB257 Multimedia Systems  
 ITB258 ABAP Programming  
 ITB260 E-Commerce Site Development  
 ITB262 E-Commerce Technologies  
 ITB263 Web Intelligence For E-Commerce

ITB264	Information Systems Consulting
ITB267	Data Warehousing For Decision Support
Software Engineering	
ITB441	Graphics
ITB442	Foundations Of Artificial Intelligence
ITB454	Software Quality Assurance
ITB456	Graphic User Interfaces
ITB457	Windows Programming
ITB458	Java And Extensible Programming
ITB466	Component Technology
ITB469	Unix Systems Programming And Administration
ITB470	Windows 2000 System Programming And Administration
ITB471	Software Development For The Web
Data Communications	
ITB533	Comparative Network Systems
ITB551	Network Planning
ITB564	Application Services
ITB565	Network Management
ITB566	Introduction To Cryptology
ITB568	Wireless Networks
ITB569	Network Security For E-Commerce

**Course structure - Emerging Technologies Major - Part Time**

**Year 3, Semester 1**

ITB222	Business Systems Analysis
OR#	
ITB424	Software Engineering Principles
MGB223	Creating New Enterprises
OR#	
MGB218	Venture Skills
# Students are only required to complete either MGB223 or MGB218	

**Year 3, Semester 2**

ITB240	Project (Information Systems)
OR	
ITB447	Project
OR	
ITB576	Data Communications Project 1
KWB010	Communication For The It Specialist

**Year 4, Semester 1**

IT21 Block 2 Unit	
IT21 Block 2 Unit	

**Year 4, Semester 2**

Emerging Technologies Elective Unit	
IT21 Block 2 Unit	

**Year 5, Semester 1**

ITB272	Information Technology Project Management
Emerging Technologies Elective Unit	

**Year 5, Semester 2**

IT21 Block 2 Unit	
IT21 Block 2 Unit	

**Year 6, Semester 1**

Emerging Technologies Elective Unit	
Emerging Technologies Elective Unit	

**Year 6, Semester 2**

Block 3 Elective Unit	
Block 3 Elective Unit	

**Emerging Technologies Electives (minimum of 4 units to be selected)**

Information Systems	
ITB233	Enterprise Systems Applications
ITB234	Information Analysis
ITB236	Object-Oriented Analysis And Design
ITB241	Information Technology Management
ITB243	Knowledge-Based Systems
ITB245	R/3 Systems Administration
ITB254	Interactivity Design
ITB257	Multimedia Systems
ITB258	ABAP Programming
ITB260	E-Commerce Site Development
ITB262	E-Commerce Technologies
ITB263	Web Intelligence For E-Commerce
ITB264	Information Systems Consulting
ITB267	Data Warehousing For Decision Support
Software Engineering	
ITB441	Graphics
ITB442	Foundations Of Artificial Intelligence
ITB454	Software Quality Assurance
ITB456	Graphic User Interfaces

ITB457	Windows Programming
ITB458	Java And Extensible Programming
ITB466	Component Technology
ITB469	Unix Systems Programming And Administration
ITB470	Windows 2000 System Programming And Administration
ITB471	Software Development For The Web
Data Communications	
ITB533	Comparative Network Systems
ITB551	Network Planning
ITB564	Application Services
ITB565	Network Management
ITB566	Introduction To Cryptology
ITB568	Wireless Networks
ITB569	Network Security For E-Commerce

**Course structure - Information Systems Major - full time**

**Year 2, Semester 1**

ITB218	Applications Programming
ITB227	Web Applications
ITB232	Database Systems
KWB010	Communication For The It Specialist

**Year 2, Semester 2**

ITB222	Business Systems Analysis
ITB228	Enterprise Systems
ITB229	Information Systems Specification
ITB240	Project (Information Systems)

**Year 3, Semester 1**

Information Systems Elective Unit	
Information Systems Elective Unit	
Information Systems Elective Unit	
Information Systems Elective Unit	

**Year 3, Semester 2**

Block 3 Elective Unit	
Block 3 Elective Unit	
Block 3 Elective Unit	
Block 3 Elective Unit	

**Information Systems Electives (4 units to be selected)**

Database Systems Area	
ITB234	Information Analysis
ITB243	Knowledge-Based Systems
ITB263	Web Intelligence For E-Commerce
ITB267	Data Warehousing For Decision Support
E-Commerce Area	
ITB243	Knowledge-Based Systems
ITB257	Multimedia Systems
ITB260	E-Commerce Site Development
ITB263	Web Intelligence For E-Commerce
E-Commerce Technology Area	
ITB235	Distributed Object Information Systems
ITB262	E-Commerce Technologies
ITB263	Web Intelligence For E-Commerce
ITB267	Data Warehousing For Decision Support
Enterprise Systems Strategy Area	
ITB233	Enterprise Systems Applications
ITB241	Information Technology Management
ITB264	Information Systems Consulting
ITB267	Data Warehousing For Decision Support
Enterprise Systems Technical Area	
ITB245	R/3 Systems Administration
ITB258	ABAP Programming
ITB263	Web Intelligence For E-Commerce
ITB267	Data Warehousing For Decision Support
Information Management Area	
ITB266	Principles Of Information Management
ITB322	Information Resources
ITB330	Information Issues
ITB341	Strategic Information And Knowledge Management
Information Resources Area*	
ITB265	Management Of Information Programs
ITB266	Principles Of Information Management
ITB322	Information Resources
ITB330	Information Issues
ITB335	Digital Libraries
ITB337	Information Organisation 1
ITB338	Information Resource Provision
ITB339	Professional Practice
Information Technology Consulting Area	
ITB241	Information Technology Management

ITB264 Information Systems Consulting  
 ITB272 Information Technology Project Management  
 ITB322 Information Resources  
 ITB341 Strategic Information And Knowledge Management  
**Modelling Area**  
 ITB223 4GL Systems  
 ITB234 Information Analysis  
 ITB236 Object-Oriented Analysis And Design  
 ITB254 Interactivity Design  
**Multimedia Area**  
 ITB243 Knowledge-Based Systems  
 ITB254 Interactivity Design  
 ITB257 Multimedia Systems  
 ITB259 Advanced Multimedia Technologies  
 ITB260 E-Commerce Site Development

**Programming Area**

ITB254 Interactivity Design  
 ITB258 ABAP Programming  
 ITB223 4GL Systems  
 ITB260 E-Commerce Site Development  
 Students who complete the Cooperative Education Program substitute ITB906 for ITB240  
 Students seeking ALIA recognition are required to complete eight units within Information Resources

**Course Structure - Information Systems Major - part time**

**Year 3, Semester 1**

ITB222 Business Systems Analysis  
 ITB229 Information Systems Specification

**Year 3, Semester 2**

KWB010 Communication For The It Specialist  
 ITB227 Web Applications

**Year 4, Semester 1**

ITB228 Enterprise Systems  
 Information Systems Subject Area Elective

**Year 4, Semester 2**

ITB219 Application Programming  
 ITB232 Database Systems

**Year 5, Semester 1**

Information Systems Subject Area Elective  
 Block 3 Elective Unit

**Year 5, Semester 2**

Information Systems Subject Area Elective  
 Information Systems Subject Area Elective

**Year 6, Semester 1**

ITB240 Project (Information Systems)  
 Block 3 Elective Unit

**Year 6, Semester 2**

Block 3 Elective Unit  
 Block 3 Elective Unit

**Course structure - Software Engineering Major - fulltime**

**Year 2, Semester 1**

KWB010 Communication For The It Specialist  
 ITB420 Computer Architecture  
 ITB421 Software Development 3  
 ITB524 Internetworking

**Year 2, Semester 2**

ITB424 Software Engineering Principles  
 ITB427 Concurrent And Distributed Systems  
 ITB448 Object Technology  
 Software Engineering Elective Unit

**Year 3, Semester 1**

ITB433 Programming Languages  
 ITB432 Software Engineering Elective Unit  
 Software Engineering Elective Unit  
 Software Engineering Elective Unit

**Year 3, Semester 2**

Block 3 Elective Unit  
 Block 3 Elective Unit  
 Block 3 Elective Unit  
 Block 3 Elective Unit

**Software Engineering Elective Units**

ITB441 Graphics  
 ITB442 Foundations Of Artificial Intelligence  
 ITB444 Special Studies 1  
 ITB445 Special Studies 2

ITB447 Project  
 ITB434 Parallel Computing  
 ITB454 Software Quality Assurance  
 ITB458 Java And Extensible Programming  
 ITB461 Foundations Of Neurocomputing  
 ITB463 Pattern Recognition  
 ITB464 Modern Compiler Construction  
 ITB466 Component Technology  
 ITB468 Software Engineering Project  
 ITB469 Unix Systems Programming And Administration  
 ITB470 Windows 2000 System Programming And Administration  
 ITB471 Software Development For The Web  
 Students who complete the Cooperative Education Program will substitute ITB906 for ITB432

**Course structure - Software Engineering Major - part time**

**Year 3, Semester 1**

ITB424 Software Engineering Principles  
 ITB524 Internetworking

**Year 3, Semester 2**

ITB421 Software Development 3  
 KWB010 Communication For The It Specialist

**Year 4, Semester 1**

ITB427 Concurrent And Distributed Systems  
 ITB448 Object Technology

**Year 4, Semester 2**

ITB420 Computer Architecture  
 ITB433 Programming Languages

**Year 5, Semester 1**

ITB432 Advanced Programming Laboratory  
 Software Engineering Elective Unit

**Year 5, Semester 2**

Software Engineering Elective Unit  
 Block 3 Elective Unit

**Year 6, Semester 1**

Software Engineering Elective Unit  
 Block 3 Elective Unit

**Year 6, Semester 2**

Block 3 Elective Unit  
 Block 3 Elective Unit

**Course structure - Integrated Majors - Data Communications & Information Systems - Full Time**

**Year 2, Semester 1**

KWB010 Communication For The It Specialist  
 ITB218 Applications Programming  
 OR

ITB421 Software Development 3  
 ITB523 Data Security  
 ITB524 Internetworking

**Year 2, Semester 2**

ITB222 Business Systems Analysis  
 ITB232 Database Systems  
 ITB229 Information Systems Specification  
 ITB529 Network Services

**Year 3, Semester 1**

ITB227 Web Applications  
 ITB527 Network Technologies  
 Data Communications Elective Unit  
 Block 3 Elective Unit

**Year 3, Semester 2**

ITB228 Enterprise Systems  
 ITB240 Project (Information Systems)  
 Data Communications Elective Unit  
 Block 3 Elective Unit

**Data Communications Elective Units**

Choose two (2) Data Communications Electives  
 ITB525 Network Administration  
 ITB533 Comparative Network Systems  
 ITB551 Network Planning  
 ITB564 Application Services  
 ITB565 Network Management  
 ITB566 Introduction To Cryptology  
 ITB569 Network Security For E-Commerce  
 ITB576 Data Communications Project 1  
 ITB578 Special Topic 1  
 ITB579 Special Topic 2  
 ITB272 Information Technology Project Management

MAB177 Mathematics For Data Communications

**Course structure - Integrated Majors - Data Communications & Information Systems - part time**

*Year 3, Semester 1*

ITB222 Business Systems Analysis  
ITB523 Data Security

*Year 3, Semester 2*

KWB010 Communication For The It Specialist  
ITB227 Web Applications

*Year 4, Semester 1*

ITB229 Information Systems Specification  
ITB524 Internetworking

*Year 4, Semester 2*

ITB232 Database Systems  
ITB527 Network Technologies

*Year 5, Semester 1*

ITB228 Enterprise Systems  
Block 3 Elective Unit

*Year 5, Semester 2*

ITB529 Network Services  
ITB219 Application Programming  
ITB421 Software Development 3

*Year 6, Semester 1*

Data Communications Specialisation Unit  
Block 3 Elective Unit

*Year 6, Semester 2*

ITB240 Project (Information Systems)  
Data Communications Specialisation Unit

**Course structure - Data Communications & Software Engineering - full time - (Gardens Point Campus)**

*Year 2, Semester 1*

ITB420 Computer Architecture  
ITB421 Software Development 3  
ITB523 Data Security  
ITB524 Internetworking

*Year 2, Semester 2*

ITB424 Software Engineering Principles  
ITB427 Concurrent And Distributed Systems  
ITB527 Network Technologies  
ITB529 Network Services

*Year 3, Semester 1*

KWB010 Communication For The It Specialist  
ITB448 Object Technology  
Data Communications Specialisation Unit  
Block 3 Elective Unit

*Year 3, Semester 2*

ITB432 Advanced Programming Laboratory  
ITB433 Programming Languages  
Data Communications Specialisation Unit  
Block 3 Elective Unit

**Data Communications Specialisation Units**

ITB525 Network Administration  
ITB533 Comparative Network Systems  
ITB551 Network Planning  
ITB564 Application Services  
ITB565 Network Management  
ITB566 Introduction To Cryptology  
ITB569 Network Security For E-Commerce  
ITB576 Data Communications Project 1  
ITB578 Special Topic 1  
ITB579 Special Topic 2

MAB177 Mathematics For Data Communications

Students who complete Cooperative Education Program will substitute ITB906 for ITB432

**Course structure - Data Communications & Software Engineering- part time - Gardens Point campus**

*Year 3, Semester 1*

ITB424 Software Engineering Principles  
ITB524 Internetworking

*Year 3, Semester 2*

ITB421 Software Development 3  
KWB010 Communication For The It Specialist

*Year 4, Semester 1*

ITB427 Concurrent And Distributed Systems  
ITB523 Data Security

*Year 4, Semester 2*

ITB433 Programming Languages  
ITB527 Network Technologies

*Year 5, Semester 1*

ITB448 Object Technology  
Data Communications Elective Unit

*Year 5, Semester 2*

ITB420 Computer Architecture  
ITB529 Network Services

*Year 6, Semester 1*

Data Communications Elective Unit  
Block 3 Elective

*Year 6, Semester 2*

ITB432 Advanced Programming Laboratory  
Block 3 Elective

**Course structure - full time - (Carseldine Campus)**

*Year 2, Semester 1*

Students who commence major in 2003

ITB421 Software Development 3  
ITB433 Programming Languages  
ITB524 Internetworking  
KWB010 Communication For The It Specialist

*Year 2, Semester 2*

ITB424 Software Engineering Principles  
ITB427 Concurrent And Distributed Systems  
ITB448 Object Technology  
ITB529 Network Services

*Year 3, Semester 1*

ITB420 Computer Architecture  
ITB523 Data Security  
ITB569 Network Security For E-Commerce  
Block 3 Elective Unit

*Year 3, Semester 2*

ITB432 Advanced Programming Laboratory  
ITB527 Network Technologies  
ITB564 Application Services  
Block 3 Elective Unit

*Year 3, Semester 1*

For students who commenced major in 2002

ITB433 Programming Languages  
ITB448 Object Technology  
ITB569 Network Security For E-Commerce  
KWB010 Communication For The It Specialist

*Year 3, Semester 2*

ITB432 Advanced Programming Laboratory  
ITB564 Application Services  
Block 3 Elective Unit  
Block 3 Elective Unit

**Course structure - Mid Year intake - full time**

*Year 1, Semester 2*

ITB111 Software Development 1  
ITB114 Introduction to Network Technologies  
ITB115 Introduction to Databases  
ITB116 Professional Studies 1

*Year 2, Semester 1*

ITB112 Software Development 2  
ITB113 Introduction to Computer Architecture and System Software  
ITB117 Professional Studies 2  
ITB118 Systems Life Cycle

**Course structure - Mid Year intake -part time**

*Year 1, Semester 2*

ITB113 Introduction to Computer Architecture and System Software  
ITB116 Professional Studies 1

*Year 3, Semester 1*

ITB111 Software Development 1  
ITB115 Introduction to Databases

*Year 2, Semester 1*

ITB114 Introduction to Network Technologies  
ITB117 Professional Studies 2

*Year 2, Semester 2*

ITB112 Software Development 2  
ITB118 Systems Life Cycle

**■ NA20 - Master of Information Technology****Qualifying Program (NA20)****CRICOS code:** 039397G**Location:** Gardens Point**Course duration (full-time):** 1 semester**Total credit points:** 48**Entry requirements**

Applicants must have a bachelor's degree in a discipline other than Information Technology with a grade point average of at least 4.5 (7-point scale)

**Masters Qualify Program**

The Master of Information Technology Qualifying Program allows applicants who do not have the Programming unit prerequisite but meet the academic requirement for entry to the Master/Graduate Diploma in Information Technology (IT45/IT38) to undertake units in the course while simultaneously undertaking an introductory programming unit.

Students in the Qualifying program would undertake ITB410 Software Development 1, an undergraduate programming unit, and three postgraduate units.

**Articulation**

Students that successfully complete (GPA of 4) the Qualifying Program are guaranteed admission to the Master/Graduate Diploma in Information Technology (IT45/IT38). Students would also receive credit for the three postgraduate units successfully completed.

**Course structure**

Students are normally required to complete a minimum of 48 credit points in the Program

ITB111 Software Development 1

ITN212 Information Modelling For Databases

ITN510 Data Communications

ITN211 Systems Analysis And Design

OR

ITN412 Technology Of Information Systems

Students who wish to only complete 36 credit points are required to complete ITB410, ITN212 and ITN510

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## Section Three – Course Information

# Law

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## OVERVIEW

The QUT Faculty of Law is Australia's largest tertiary educator in Law and Justice Studies. The Faculty is an acknowledged leader in its field and provides a sound balance of practical and theoretical training, which enables graduates to progress into the real world with ease. The Faculty consists of the School of Law, the School of Justice Studies and the Legal Practice Unit.

The Faculty's teaching and learning programs develop legal research and analysis skills within contextual and conceptual frameworks. Additionally a global approach to education is adopted which includes international visiting scholars, exchange programs for staff and students and offshore programs.

The Faculty is continually striving for excellence in teaching and learning in response to the demands of its graduates, their employers, professional bodies and the practising professions. In particular, the undergraduate degrees have undergone extensive redesign in recent years: the Bachelor of Laws to keep abreast of the changing and challenging demands of a modern and relevant legal education; while the newly reconceptualised Bachelor of Justice was reviewed in 2001 to provide students with more flexibility and a greater degree of specialisation.

Other initiatives that have been undertaken to enhance the quality of students' tertiary legal and justice education are online teaching delivery and curriculum design for graduate capability development. The Faculty's online teaching sites offer students flexibility in the delivery of course content by providing electronic access to course materials and other Internet resources, together with greater opportunities for communication between academic staff and students. The Faculty is also an acknowledged leader in curriculum design for graduate capability attainment. In both law and justice programs, teaching and learning environments have been developed which identify and integrate opportunities for students to develop both generic and discipline specific skills. The Law Faculty has also established the first specially designed electronic moot court in the southern hemisphere.

A feature that sets QUT apart as the University for the Real World is its liaison and collaboration with the legal profession and justice industries. Emphasis on real world experience, projects and case studies is an essential part of QUT education.

The Faculty offers undergraduate study through the Bachelor of Laws and Bachelor of Justice courses. A range of double degree programs are also available, offering the Bachelor of Laws in conjunction with the Bachelor of Justice or with a bachelor degree in Applied Science, Arts, Business, Creative Industries, Journalism or Information Technology.

A three-year accelerated Bachelor of Laws program is available for students who already hold a bachelor degree in another discipline. These students may also have the opportunity to select their elective units from the Law School's postgraduate program and graduate concurrently with a Graduate Certificate in Law.

The Faculty offers a range of postgraduate study options, including graduate certificate and graduate diploma courses, masters degrees by coursework or research, and doctoral programs. Many of these courses provide students with the opportunity to build on relevant undergraduate study or professional experience, and develop their expertise in a specialist area. The Faculty also offers the State's longest running and most established professional legal training course for solicitor's admission. Bachelor of Laws graduates who wish to be admitted as solicitors can complete the Graduate Diploma in Legal Practice, in six months full-time or one year part-time.

The Faculty of Law achieves consistently high graduate employment rates which support its position as one of Australia's leading law faculties. The Law School prepares students for careers in law firms, government and other industries. The School of Justice Studies produces graduates with qualifications for

employment in policing, justice, defence, security and other social justice areas.

The Faculty of Law has a large research section with many specialisations in which leadership is provided by some of Australia's foremost experts in the specialist fields. The research section consists of:

- Commercial and property law
- Environmental and water law
- Biotechnology and medical law
- Constitutionalism and human rights
- Criminal law and criminal justice
- Legal and justice education
- Women, children and the law
- Courts and dispute resolution
- Law and informatics
- Legal theory, applications and practice

## SENIOR STAFF

### Faculty Office

*Dean:* Professor M. Cope, BA(Hons) LL.M. Qld., Barrister

*Administration Manager:* Mr W.A. Smith, BA(Hons) Syd., GradDipCourt & Parliamentary Reporting Canb.

*Assistant Dean, Research:* Dr B. Hocking, BA LLB Monash, GradDipLegSt Stockholm, LL.M. Lond., PhD Qld

*Assistant Dean, Teaching and Learning:* Ms S. Kift, LLB Qld, LL.M. QUT, Solicitor (Qld & NT), Barrister (NT), Legal Practitioner (High Court of Australia)

*Assistant Dean, External Relations and Commercial Activities:* Professor W.D. Duncan, LLB Qld, LL.M. Lond., Solicitor

### Law School

*Head of School:* Professor B. Fitzgerald, BA Griff., LLB(Hons) QUT, BCL Oxon, LL.M. Harv., Barrister (Qld and High Court of Australia)

#### Professors:

B. Collier, BA LLB Qld., LL.M. Melb.,

S.G. Corones, BCom LLB Qld., LL.M. Lond., PhD Qld.

W.D. Duncan, LLB Qld., LL.M. Lond., Solicitor

D.E. Fisher, LLB MA PhD Edin.

W.B. Lane, LLB Syd., LL.M. Melb., Clayton Utz Professor of Public Law

#### Associate Professors:

D.A. Butler, LLB (Hons) PhD QUT, Solicitor (Qld and High Court of Australia)

S.A. Christensen, LLB (Hons) LL.M. QUT, Solicitor (Qld)

P.J.M. MacFarlane, BLegS Macq., BA Flin., LL.M. Syd.

L. Willmott, BCom LLB (Hons) Qld., LL.M. Camb.

### Legal Practice

*Director:* Mr A.J. Chay, LLB LL.M. Qld., Solicitor

### Justice Studies

*Head of School:* Mr M. Barnes, BA LLB LL.M. Qld.



## ■ Doctor of Juridical Science (LW50)

**Award title:** Doctor of Juridical Science

**CRICOS code:** 012652J

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 1 1/2 Years (minimum)

**Course duration (part-time):** 3 Years (minimum)

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Assistant Dean (Research)

### Award

The SJD will be awarded subject to the Faculty of Law Academic Board receiving:

- (i) a certificate of satisfactory completion of the candidate's approved course of study signed by the Principal Supervisor and the Assistant Dean (Research);
- (ii) a declaration signed by the candidate that he/she has not been a candidate for another tertiary award during the tenure of his/her SJD candidature;
- (iii) a declaration signed by the candidate stating original authorship of a thesis;
- (iv) a certificate signed by the Principal Supervisor, and Assistant Dean (Research) stating that the candidate has satisfactorily completed the examination process, including completing any revisions or re-examination required by the external examiners; and
- (v) two final copy of the thesis in the prescribed format.

For the purposes of these Rules the Assistant Dean (Research) acts as the delegate of the Dean, Faculty of Law and Faculty of Law Research Committee acts as the delegate of the Law Academic Board.

### 1. Entry Requirements

1.1 The Faculty of Law Research Committee may admit to candidature an applicant who:

- (i) holds or has completed the requirements for the degree of (a) Bachelor of Laws or (b) Bachelor of Justice with at least Second Class Honours Division A at the Queensland University of Technology or its equivalent from another institution; or
- (ii) holds or has completed the requirements for the degree of (a) Master of Laws by Coursework or (b) Master of Arts (Justice Studies) with a grade point average of at least 5.0 on a 7 point scale at the Queensland University of Technology or its equivalent from another institution which, in the opinion of the Assistant Dean (Research) maintains standards comparable with those required for the award of the degree of Master of Laws and Master of Arts (Justice Studies) respectively at the Queensland University of Technology;

and, in the case of (i) or (ii) an applicant must also satisfy the following:

- (iii) has a minimum of two years professional experience appropriate to the proposed course of study; and
- (iv) that the applicant can demonstrate a level of research experience and potential which is deemed acceptable to the Assistant Dean (Research) for example, by the publication of articles in refereed research journals; and
- (v) can demonstrate a sufficient command of the English language to complete the proposed course of study in that language.

#### 1.2 Alternative Entry

In exceptional circumstances, applicants with lesser academic qualifications but with exemplary professional experience may be given provisional enrolment on the approval of the Assistant Dean, Research. Applicants seeking entry under this rule would normally have completed a three-year bachelor level degree from the Queensland University of Technology or another recognised

institution. In addition, in order to assess the adequacy of the professional experience of the applicant, they will be required to address the following criteria as it relates to the proposed area of research:

- (i) evidence of professional leadership
- (ii) quality of academic achievement
- (iii) evidence of professional involvement in research and/or consultancy
- (iv) referees reports

### 2. Application Procedure

2.1 An application for admission shall be made on the prescribed form (PR Form) which shall involve a two-stage process.

2.2 Stage 1 of the application process must include:

- the completion of the PR Form for admission (if the applicant holds citizenship or permanent residency in Australia or New Zealand);
- the completion of the F Form for admission (if the applicant is an international candidate);
- a certified copy of the results of the degree relied upon for admission;
- personal data;
- details of relevant research experience. (In the case of a candidate relying upon a Master of Laws by Coursework for admission, this criterion may be satisfied if the student demonstrates that they have completed the unit Advanced Legal Research at a grade of 5 or above at the Queensland University of Technology or some equivalent unit from a comparable institution during the course of their masters studies or can demonstrate other relevant research experience, eg by publication. In the case of a candidate relying upon a Master of Arts (Justice Studies) for admission, the candidate shall demonstrate that she or he has undertaken either a unit in that course or as part of the requirements for the completion of a Bachelor of Justice Studies (Honours) a unit in the area of research methodology at a grade of 5 or above or some equivalent unit from a comparable institution during the course of Masters studies or can demonstrate relevant research experience, eg by publication). Where an applicant cannot satisfy this criteria by way of completion of an advanced research unit or publications as set out above, the applicant will be required to undertake the unit Advanced Legal Research or Advanced Information Retrieval Skills or an equivalent unit from a comparable institution during their candidature; and
- a brief outline (200-300 words) of the project to be undertaken;
- the proposed coursework program to be undertaken;
- details of any relevant professional experience (applicants entering under alternative entry provisions must address the criteria in 1.2 above); and
- any other information the candidate considers relevant in support of the application.

2.3 Where a candidate's qualification for admission is other than a Bachelor or Master of Laws from the Queensland University of Technology, or an equivalent degree, the candidate must undertake research in a field of criminology or other area of Justice Studies approved by the Assistant Dean (Research).

2.4 The application is to be approved by the Faculty Research Committee which will determine whether the applicant meets the criteria for admission or, if deficiencies exist, identify them and how they might be remedied.

2.5 Candidature shall be deemed to have commenced on the date of admission being the date of the approval of the application by the Faculty Research Committee except in the case of international students. International students shall be deemed to have commenced candidature on the date of enrolment.

2.6 Within two months of commencement of the thesis component for full-time students (up to four months for part-time and international candidates) and after consultation with

appointed supervisors, the candidate must complete and submit the Stage 2 application form setting out:

- the proposed title of the thesis;
- the objectives of the program of research and investigation;
- an outline of the proposed research;
- the research methods and plan;
- the relationship of the study to previous work in the same field by the candidate and others;
- the coursework completed;
- a preliminary literature review;
- a substantial bibliography;
- a timeline for the completion of the research;
- a research ethics review checklist;
- the names of proposed supervisors, their qualifications and experience with relevant publications; and
- an Intellectual Property Agreement (if required).

2.7 The second stage application must be submitted to the Assistant Dean (Research) for approval by the Faculty Research Committee.

2.8 If the Stage 2 application is not submitted within the time specified, the Assistant Dean (Research) may, on the advice of the Faculty Research Committee and the Principal Supervisor, terminate the candidature. In exceptional cases, upon a written request stating reasons for delay, an extension of up to a further one month for full-time candidates or two months for part-time candidates may be granted to meet the requirements of Stage 2.

2.9 The Faculty Research Committee shall, as part of the approval of the Stage 2 process, confirm:

- the proposed topic of research is consistent with the aims of the School; and
- the Head of School is willing and able to provide appropriate accommodation, facilities and financial resources necessary for the proposed study for the duration of candidature.

2.10 Upon approval by the Faculty Research Committee of the Stage 2 Application the applicant will be admitted to candidature unconditionally (except for those being admitted under alternative entry provisions) and the appointment of the supervisors shall be confirmed. Those candidates admitted under alternative provisions will continue on provisional enrolment until such time as the requirements of this enrolment have been fulfilled (refer to 4).

### 3. Studies during the Candidature

A candidate for the degree of SJD is required to successfully complete a planned research program that should result in a notable contribution to professional knowledge and practice in the field of study. This contribution may be in the form of new knowledge in practice, or of significant and original adaptation, application and interpretation of existing knowledge and practice.

3.1 The degree comprises both a coursework (33%) and a thesis component (66%). Candidates will pursue an approved course of advanced study and research, comprising 96 credit points of coursework selected from within the unit offerings for the LLM by Coursework or the MA(Justice Studies) by Coursework (as appropriate) at the Queensland University of Technology or an equivalent institution at a grade point average of at least 5. The candidate will also pursue a thesis in accordance with Rule 9. One of the units studied for the coursework requirements must be Advanced Legal Research, or Advanced Information Retrieval Skills, or an equivalent unit from a comparable institution, together with any other unit or units deemed necessary by the Law Faculty Research Committee. For the purposes of this rule, completion of a unit in the area of research methodology as part of the MA(Justice Studies) or Bachelor of Justice (Honours) at a grade point average of 5 will be deemed equivalent to completion of Advanced Legal Research.

3.2 Candidates must successfully complete all coursework requirements at the appropriate standard prior to commencing the

thesis. As far as possible, the topic of the thesis should extend the coursework component. Whilst enrolled in the coursework component of the degree all policies and procedures relevant to the Master of Laws by Coursework or the Master of Arts (Justice Studies), as the case may be, form part of these rules.

3.3 The planned research program will normally include

- participation in university scholarly activity such as research seminars, teaching and publication;
- regular interaction with supervisors; and
- a program of supervised research and investigation.

3.4 The course of study must be such to enable a candidate to acquire competence in relevant methods of research and scholarship relating to the subject of the proposed investigation and to demonstrate sustained independent research effort.

3.5 The Faculty of Law Research Committee may on the recommendation of the Assistant Dean (Research) approve a variation in the candidate's course of study and research, an application for variation must be supported in writing by the Principal Supervisor.

### 4. Provisional Enrolment

Applicants with lesser academic qualifications but with exemplary professional experience may be given provisional enrolment on the approval of the Assistant Dean, Research (refer to rule 1.2).

4.1 A candidate so admitted shall be required to complete designated qualifying units at a grade point average of at least 5 on a 7 point scale. The designated qualifying units will include the unit LWN048 or equivalent as stipulated by the Assistant Dean, Research on the advice of the Faculty Research Committee.

4.2 A candidate who completes coursework units at a satisfactory level during the period of provisional enrolment will be permitted to count that coursework towards the degree.

4.3 Unless exceptional circumstances justify extension of provisional status, the stipulated enrolment program must be completed within one calendar year from enrolment in the course.

4.4 If an extension to the provisional enrolment period is required application should be made in writing to the Assistant Dean, Research setting out the exceptional circumstances. In any event, the period of extension of provisional enrolment shall be no more than six months.

### 5. Advanced Standing and Articulation

5.1 Advanced standing up to a maximum of 96 credit points may be granted to candidates who have completed the Master of Laws by Coursework or Master of Arts (Justice Studies) at the Queensland University of Technology, or its equivalent at another institution, at a grade point average of at least 5 on a 7 point scale.

5.2 Where a candidate has undertaken part of a postgraduate degree deemed to be equivalent to the Master of Laws by Coursework or Master of Arts (Justice Studies), that candidate may be granted advanced standing provided that the work for which a candidate seeks credit has been completed at a grade point average of at least 5 on a 7 point scale.

5.3 The Doctor of Juridical Science will fully articulate with the Master of Laws (Research) and Master of Arts (Justice Studies) by Research.

5.4 In exceptional circumstances, a student exiting prior to completion of the program may be eligible to receive the award of Master of Laws by Coursework or Master of Arts (Justice Studies) if this has not previously been awarded. In such cases, as these courses normally attract up-front tuition fees, students exiting in this way will be liable for any fees which would otherwise have been payable. Payment of any such fees is required to be made before conferral of the degree.

## 6. Period of Time for Completion of Program

6.1 The minimum period of candidature is:

- Full-time candidates - eighteen months from date of commencement;
- Part-time candidates - thirty-six months from date of commencement;

In exceptional cases the Law Faculty Research Committee may approve submission of the thesis within a shorter period.

6.2 The maximum period of candidature is:

- Full-time candidates - forty-eight months from date of commencement;
- Part-time candidates - ninety-six months from date of commencement;

6.3 The candidate may change from full-time to part-time candidature or vice versa by making application on a prescribed form to the Faculty Research Committee through the office of the Assistant Dean, Research. International students studying on student visas are unable to alter their mode of study from full-time to part-time unless they are in their final semester of study.

6.4 A candidate who does not expect to submit his/her thesis by the maximum candidature date must apply for an extension of time on the prescribed form through the Assistant Dean, Research for consideration by the Faculty Research Committee. The application must include the reasons for the delay, written endorsement of the request for extension by the Principal Supervisor and a revised timeline for completion. Applications for extensions will not normally be considered by the Faculty Research Committee unless the reasons for the delays have been documented in previous supervisor's reports. Extensions will only be given in exceptional circumstances. Minor breakdown of computer equipment or absence of a Principal Supervisor are not usually considered exceptional.

## 7. Candidate May Take Leave of Absence for a Specified Period from the Program

7.1 Application must be made on the prescribed form through the Assistant Dean, Research and approved by the Faculty Research Committee. The application must include reasons for the leave of absence, the written endorsement of the Principal Supervisor and the exact start and finish dates of the period of leave. If the leave is approved, the duration of the specified time will be added to the maximum and minimum submission dates of the candidature. International students studying on student visas are not normally permitted to take leave of absence unless there are exceptional circumstances, eg bereavement. International students should consult the Assistant Dean, Research and Office of International Students if a period of leave is required.

7.2 The maximum period of leave of absence for which a candidate may be given approval (for any reasons) is twelve months for a full-time candidate and twenty-four months for a part-time candidate

## 8. Supervision

8.1 Supervision shall be conducted according to the QUT Code of Good Practice for Postgraduate Research Studies and Supervision (MOPP Appendix 66).

8.2 A Principal Supervisor from QUT and one Associate Supervisor shall be appointed.

8.3 The Principal Supervisor has responsibility for supervising a candidate on a frequent basis and must be a current member of the QUT staff or an emeritus professor of QUT still active in research. The Principal Supervisor shall normally have undertaken successful supervision of research degree candidates, and shall have an established research record in the area of the proposed project.

8.4 The Associate Supervisor may be a member of the QUT staff but must possess appropriate expertise in the research field and

would normally be a person who has undertaken successful supervision of research degree candidates.

8.5 Where the Principal Supervisor is absent from QUT for a period of three consecutive months or longer during the period of candidature, the Associate Supervisor (if that person is a QUT staff member) will normally become the Acting Principal Supervisor for this period.

8.6 If the Principal Supervisor leaves the staff of QUT, the QUT Associate Supervisor will normally fill the role of Acting Principal Supervisor immediately until a new Principal Supervisor is appointed by the Faculty Research Committee in consultation with the candidate. A formal appointment of a new Principal Supervisor must be made within three months of the original Principal Supervisor's departure.

## 9. Confirmation of Candidature

9.1 Within six months of commencement of the thesis component for full-time candidates and twelve months for part-time candidates, the candidate shall present (in consultation with his/her supervisors) a plan of the research program for the remainder of the candidature and report of the work done to that tie. The confirmation report form shall incorporate a substantial literature review and shall provide evidence of the research capacity of the candidate including the rate of progress to date. The plan shall include details of:

- The area of study in which the candidate's course is located;
- The nature of participation in scholarly activities in the Centre in which the degree is being undertaken;
- The objectives of the program of research and its relationship to published research in the same field;
- Research methods followed and to be followed;
- The title of the thesis; and
- A timeline for completion of the research program.

9.2 The candidate shall present the confirmation report and details of the research program at a Confirmation Seminar open to the public.

9.3 A candidate who is not able to complete a Confirmation of Candidature within the timeframe required must apply for an extension at least one month in advance of that deadline through the Assistant Dean, Research to the Faculty Research Committee. A maximum of three months extension may be granted.

9.4 A Review Panel shall review the candidate's progress and planned research program and shall make recommendations on Form SJD5 to the Faculty Research Committee. These recommendations shall include:

- An appraisal of the candidate's progress and suitability for continuation of the program;
- Documents prepared by the candidate;
- A statement that the research program is of a standard required for an SJD;
- A statement of whether the studies continue to be within the aims and objectives and physical and human resources of the Centre; and
- A report on the candidate's seminar.

9.5 The Faculty Research Committee will, if satisfied:

- Confirm the candidature and notify the candidate; or
- May require changes to the planned research program; or
- If the recommendation is not to confirm the candidature immediately, place the candidate under review for three months. At the end of the review period the Assistant Dean, Research must advise the Faculty Research Committee whether the conditions of review have been met.

9.6 Where a candidate is placed under review following the Confirmation Seminar, the Principal Supervisor must advise the candidate in writing within seven days of the conditions to be met, in the form of clear written guidelines of the work required and due dates for submission and whether a further Confirmation

Seminar is required. The conditions must be endorsed by the candidate, the supervisor (supervisors), Director of the Centre and Assistant Dean, Research.

9.7 Where a candidate's progress remains unsatisfactory after the review period, the Faculty Research Committee, on advice from the Assistant Dean, Research shall either grant a further extension of the period of up to three months or may ask the candidate to show cause in writing why action should not be taken to terminate the candidature.

## 10. Reporting Procedures

10.1 The Principal Supervisor and candidate are required to report on a six monthly basis on the prescribed form to the Faculty Research Committee through the office of the Assistant Dean, Research on the candidate's progress and future plans. Reports shall be signed both by the candidate and by the Principal Supervisor. Where a candidate's progress is deemed satisfactory, the Faculty Research Committee shall approve the continuation of the candidature.

10.2 Where the progress is deemed unsatisfactory, in the Confirmation of Candidature, six monthly report or other interim faculty report, the Faculty Research Committee, on advice from the Assistant Dean, Research will normally place a candidate under review for a period of up to three months from the date that the candidate is advised in writing of the decision. The candidate will be advised of the required remedial action to be followed taking account of the advice provided by the Principal Supervisor and the Faculty Research Committee.

10.3 A report on the action taken to resolve the deficiencies in the program must be made to the Assistant Dean, Research and the Faculty Research Committee may then approve continuation of candidature if these deficiencies have been redressed and progress is again satisfactory.

10.4 If progress is still unsatisfactory after the review period, the Faculty Research Committee, on the advice of the Assistant Dean, Research shall ask the candidate to show cause in writing why the enrolment shall not be terminated.

10.5 When a candidate's progress has been reported as unsatisfactory in any two consecutive reports during candidature, the Faculty Research Committee shall ask the candidate to show cause in writing why the enrolment of the candidate shall not be terminated.

10.6 If the candidate does not show cause why the enrolment shall not be terminated, the Faculty Research Committee may terminate the candidate's enrolment

## 11. Thesis Guidelines

11.1 The thesis must be presented in accordance with the requirements of the University, including any accompanying declarations and in accordance with Appendix 51 of the Manual of Policies and Procedures: Requirements for Presenting Theses (MOPP 51). The main body of the text should be between 50,000 and 60,000 words.

11.2 The thesis must be presented in the English language.

11.3 A candidate may submit with the thesis other kinds of relevant material (such as films, audio tape recordings, video tape recordings, CD-ROMS, software programs etc) which shall be accompanied by evidence of the extent to which the candidate has been responsible for their preparation.

11.4 An SJD degree may not be awarded on the basis of the submission of published papers.

11.5 A candidate's name will not be placed on the graduation list until the final copy of the thesis is received in the Research Students Centre, Office of Research.

11.6 When a final copy of the thesis has been lodged with the Research Students' Centre, Office of Research, the names of examiners will be released to the candidate upon request, providing that the examiner has not indicated otherwise.

## 12. Examination of Thesis

12.1 At least three months prior to the maximum candidature date or anticipated completion date, the Principal Supervisor having obtained the agreement of the Faculty Committee, shall recommend to the Faculty Research Committee the composition of the proposed Examination Committee and the title of the candidate's thesis.

12.2 The Examination Committee shall comprise two external examiners who will examine the thesis plus an external examiner to be called upon only if the first two examiners are in disagreement.

12.3 In exceptional circumstances, the University Research Degrees Committee may act directly to facilitate the examination process of a thesis including the appointment of examiners.

12.4 A candidate's Principal or Associate Supervisor may not be nominated by the Faculty as an examiner.

12.5 Examiners must have demonstrable and substantial publications and research experience in the area under investigation and one examiner would normally have a research degree. At least one of the nominated examiners should be an academic from a recognised university or equivalent research institution. At least one examiner would normally be a specialist practitioner recognised as an expert in the particular field of the research constituting the thesis. Preferably, at least one examiner should also have substantial experience of examining research degree candidates at doctoral level.

12.6 Agreement will be sought from examiners to examine the thesis within eight weeks of receipt.

12.7 If more than six months has elapsed between the nomination of examiners and the submission of the thesis, the faculty must notify the Research Degrees Committee that the nominated examiners are still willing and able to examine the thesis within two months of its receipt. If any previously nominated examiner is unable to examine the thesis, a replacement examiner must be nominated by the Principal Supervisor (with the agreement of the Faculty) for approval by the Research Degrees Committee.

12.8 In order to determine whether the thesis is acceptable for examination by the Examination Committee, the candidate shall be required to present a Final Seminar based on the work described in the thesis to the Faculty to which he/she is attached.

- The final seminar shall normally take place no more than six months prior to the anticipated submission date.
- The Faculty shall constitute a panel of three including the Principal Supervisor to attend the seminar and to report on the readiness of the thesis for external examination. The panel shall be chaired by the Principal Supervisor, and shall question the candidate on the content of the thesis at the conclusion of the seminar. Each member of the panel must receive a copy of the draft thesis 14 days prior to the final seminar.
- The panel may required changes to the thesis or ask that further work be done prior to submission of the thesis. The thesis is accepted by the University for external examination only when the panel signifies its belief that the degree requirements have been met. The Faculty panel shall use the prescribed form when advising Research Degrees Committee that the thesis is ready for external examination.
- The final seminar shall be open to the public and shall be widely advertised by the Faculty so as to ensure attendance by researchers and research students within the Faculty.
- In all other matters the form and timing of the final seminar is determined by the Faculty.

12.9 The thesis must be accompanied by a certificate form endorsed by the Principal Supervisor, Assistant Dean, Research and the Faculty panel, stating that all reasonable efforts have been made by the Faculty to ensure that:

- The thesis makes notable contribution to professional knowledge and practice;

- The methodology applied in the candidate's research is effective and appropriate for the thesis topic;
- The thesis reflects competence in the survey of literature and documentation of statements;
- The thesis is of the required standard for external examination;
- The thesis is within the prescribed word limit;
- The candidate has presented a Final Seminar;
- That acknowledgment is given regarding the inclusion of all published and other sources of information together with any substantial financial assistance received for the project.

12.10 In exceptional circumstances the Research Degrees Committee may allow a candidate to submit his or her thesis for external examination without the requirement for certification. The candidate must apply in writing to the Research Degrees Committee for such permission, outlining reasons why the certification is not included.

12.11 Three copies of the thesis in the prescribed format must be submitted to the Research Students' Centre, Office of Research, no later than the maximum candidature date.

12.12 The Office of Research, on the advice of the Research Degrees Committee, shall provide the examiners with a copy of the thesis and of the Regulations for the Award of the Degree of the Doctor of Juridical Science and any other relevant information.

12.13 Each examiner will be asked to provide a written report to the Office of Research on the candidate's thesis and to recommend on the following courses of action:

Recommendation 1: The candidate should be awarded the degree without the requirement for revision, further examination or modification (minor corrections and typographical errors only); or

Recommendation 2: The candidate should be awarded the degree subject to minor nominated revisions being completed to the satisfaction of the Assistant Dean, Research and Principal Supervisor; or

Recommendation 3: The candidate should be awarded the degree following the completion of major nominated revisions to the satisfaction of the Assistant Dean, Research and Principal Supervisor; or

Recommendation 4: The candidate should be permitted to substantially revise and submit the thesis for re-examination within twelve months after a specified amount of further work, which may alter the substantive conclusions of the thesis, has been completed under approved supervision and the thesis appropriately amended to reflect the additional research; or

Recommendation 5: The thesis should be rejected, the degree should not be awarded and the candidate should not be permitted to submit the thesis for re-examination for the degree.

12.14 After both examiners' reports are received the Office of Research will forward them to the Assistant Dean, Research, the Principal Supervisor and the candidate with an appropriate covering letter. (Until such time as the examination process is complete the identity of the examiners will be withheld from the candidate.)

### 13. Examiners in Agreement

13.1 Where both examiners recommend that the candidate should be awarded the degree (recommendation 1, 2 or 3), the Assistant Dean, Research will consult with the Principal Supervisor and Centre Director to discuss any corrections or revisions that the candidate may be required to make and where revisions are required.

13.2 Where corrections or revisions are to be made to the satisfaction of the Assistant Dean, Research or nominee, the Head of School or nominee must certify to the Research Degrees Committee that they recommend acceptance of the thesis in fulfilment of the conditions for the award of the SJD degree.

13.3 Where both examiners recommend that the thesis be revised and resubmitted for examination (Examiners Report Recommendation 4), after consultation with the Principal Supervisor and the Centre Director, the Assistant Dean, Research will make written recommendation to the Research Degrees Committee within seven days of the receipt of the Examiners Reports listing any revisions required. Once these are approved by the Research Degrees Committee, the Research Degrees Committee will inform the candidate of the revisions and/or any action required.

### 14. Examiners Not in Agreement

14.1 Where the recommendations of the external examiners are not in agreement as to whether the thesis should be accepted for the award of SJD or as to whether the thesis may be revised and resubmitted, the thesis will be sent to the third nominated examiner.

14.2 Upon receipt of the third examiner's report, a majority decision shall be adopted.

14.3 Where the majority decision is that the thesis be accepted or that the thesis be rejected, this shall be the decisions of the examiners as the case may be.

14.4 Where the majority decision is that the candidate be required to submit for re-examination or the thesis fail, the procedures in Section 11.3 shall apply.

14.5 Where the recommendation of three examiners clearly differ and no clear majority exists, the Assistant Dean, Research or nominee shall liaise with the Principal Supervisor to determine the further course of action.

### 15. Re-Examination

15.1 A candidate who is required to submit for re-examination may be re-examined only once except in the case of an upheld appeal.

15.2 Re-examination shall take place within twelve months from the date on which the candidate is advised in writing by the Assistant Dean, Research or nominee of such re-examination. The Research Degrees Committee may, on written application by the candidate and supported by the Principal Supervisor and Centre Director with suitable justification, approve an extension to this period which, under normal circumstances, may be a maximum of a further twelve months.

15.3 A candidate who is required to submit his/her thesis for re-examination must re-enrol in the SJD program.

15.4 The thesis shall be re-examined by the same two examiners unless:

- Any of the examiners is unable to re-examine the thesis in which case the Assistant Dean, Research or nominee with the agreement of the Principal Supervisor and the Faculty shall nominate a replacement examiner(s) who must be approved by the Research Degrees Committee; or
- The Research Degrees Committee replaces one or more of the examiners on advice from the RDC Chair and with suitable justification.

15.5 Examiners re-examining a thesis will be asked to provide a written report on the candidate's thesis and to recommend one of the following courses of action:

- (a) the candidate should be awarded the degree with or without minor nominated revisions; or
- (b) the candidate should be awarded the degree a masters level with or without minor nominated revisions; or
- (c) the thesis should be rejected and the degree should not be awarded.

15.6 Regulations applicable to SJD examination shall apply to the re-examination.

## 16. Appeals

16.1 A candidate whose thesis has failed may lodge an appeal against the outcome of the examination process.

16.2 The grounds for appeal may be on matters of process only, ie procedural irregularities in the conduct of the examination or documented evidence of examiner bias as evidenced by comments in the examiners reports.

16.3 An appeal must be lodged within sixty (60) days of the date of written advice from the Office of Research on the outcome of the examination. This appeal must include the specific grounds on which the appeal is based.

16.4 Appeals must be submitted in writing to the Office of the Pro-Vice-Chancellor (Research and Advancement). The Director, Postgraduate Research Studies, will determine whether a potential conflict of interest exists in relation to his/her consideration of the appeal.

16.5 In cases where a conflict of interest exists, the Director, Postgraduate Research Studies, will appoint a member of academic staff, with expertise in research candidate supervision, to consider the appeal.

16.6 The Director, Postgraduate Research Studies, or appointee will decide whether a case exists and may seek the advice of the Faculty, school or centre/research concentration as appropriate.

16.7 The appeal may be allowed or dismissed. If an appeal is allowed, the Director, Postgraduate Research Studies, or appointee cannot recommend that the degree be awarded but shall recommend that that thesis be re-examined. This re-examination shall be carried out in accordance with the Section 6.143 taking account of the issues raised in the successful appeal.

16.8 The Director, Postgraduate Research Studies, or appointee will make a determination on the appeal as soon as practicable and will advise appellants, in writing, of the result of the appeal.

### Course Structure

#### *Full-time Course Structure, Year 1, Semesters 1 & 2*

Coursework units selected from the list of available units in the Master of Laws (by Coursework) or Master of Justice to the value of 48 credit points per semester

#### *Full-time Course Structure, Year 2, Semesters 1 & 2*

LWR003 48 credit points of research per semester

#### *Full-time Course Structure, Year 3, Semesters 1 & 2*

LWR003 48 credit points of research per semester

#### *Part-time Course Structure, Year 1, Semesters 1 & 2*

Coursework units selected from the list of available units in the Master of Laws (by Coursework) or Master of Justice to the value of 24 credit points per semester

#### *Part-time Course Structure, Year 2, Semesters 1 & 2*

Coursework units selected from the list of available units in the Master of Laws (by Coursework) or Master of Justice to the value of 24 credit points per semester

#### *Part-time Course Structure, Year 3, Semesters 1 & 2*

LWR003 24 credit points of research per semester

#### *Part-time Course Structure, Year 4, Semesters 1 & 2*

LWR003 24 credit points of research per semester

#### *Part-time Course Structure, Year 5, Semesters 1 & 2*

LWR003 24 credit points of research per semester

#### *Part-time Course Structure, Year 6, Semesters 1 & 2*

LWR003 24 credit points of research per semester

## ■ Master of Arts (Justice Studies) (Research) (JS52)

**Award title:** Master of Arts (Justice Studies) (Research)

**CRICOS code:** 020310J

**Location:** Kelvin Grove

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 2 Years

**Total credit points:** 96

**Course coordinator:** Dr Belinda Carpenter

## 1. Award

1.1 The following rules apply to the degree of Master Justice to be obtained by research and thesis awarded by the Queensland University of Technology, and are made with the authority of the Academic Board of this University.

1.2 For the purposes of these Rules the Course Coordinator acts as the delegate of the Dean, Faculty of Law, and the Faculty of Law Research Committee acts as the delegate of the Law Academic Board.

## 2. Entry Requirements

The following persons shall be eligible to apply for admission as a student for the degree:

2.1 A person who has completed the requirements for the degree of Bachelor of Justice (Honours) of QUT, or

2.2 A person who has completed the requirements for the Graduate Certificate from the School of Justice Studies of QUT, or

2.3 A qualification that is deemed equivalent and possesses appropriate research skills or substantial professional experience in the proposed field of research as deemed appropriate by the Course Coordinator, or

2.4 Professional publications, etc that the Course Coordinator and the Faculty Research Committee accept as proof of a students advanced knowledge and research ability in the proposed field of research.

## 3. Admissions and Enrolment

3.1 An application for admission shall be made on the prescribed form:

- (i) The Postgraduate Research application form (PR Form) (if the applicant holds citizenship or permanent residency in Australia or New Zealand); or
- (ii) The Foreign Research application form (FR Form) (if the applicant is an international candidate).

3.2 Admission of a person as a candidate for the degree shall be at the discretion of the Course Coordinator on the recommendation of the Law Faculty Research Committee.

3.3 A person applying for admission as a candidate for the degree shall apply in accordance with the requirements of the Registrar and shall pay all prescribed fees.

3.4 A person admitted as a candidate may enrol as either a full-time student or a part-time student. International students studying in Australia on student visas may only enrol in full-time programs.

## 4. Progress Reports

4.1 A candidate shall prepare within two weeks following the end of each semester a statement of the work done towards the degree and submit it to their Principal Supervisor.

4.2 The Principal Supervisor shall prepare a report on the prescribed form on the work done by the candidate during that semester and the report shall be given to the candidate for comment. The candidate shall sign the report in acknowledgement of this and return it to the Principal Supervisor.

4.3 Both reports together with any accompanying comments by the candidate shall then be forwarded through the Course Coordinator and the Law Faculty Research Committee within four weeks following the end of that semester.

4.4 Where, in the opinion of the Law Faculty Research Committee, a candidate has not made satisfactory progress towards completing the requirements for the degree, the Law Faculty Research Committee on the advice of the Course Coordinator shall call upon the candidate to show cause why their enrolment should not be terminated for lack of satisfactory progress.

4.5 Upon failure of the candidate to show cause the candidate's enrolment will be terminated.

## 5. Thesis Requirements

5.1 Students undertake applied research on an approved, topic, which involves both an appropriate theoretical perspective and a specific orientation to professional practice and application. The thesis submitted for the degree shall be not less than 50,000 words and should constitute a substantial contribution to knowledge and understanding in criminal justice (eg criminology, law enforcement, strategic intelligence). It shall include a title page, table of contents and bibliography, and shall otherwise comply with the University's requirements for presenting theses.

5.2 The candidate shall submit a detailed research outline to the Course Coordinator within two months of admission to candidature. The research outline should include the following:

- The proposed title of the thesis;
- The objectives of the program of research and investigation;
- An outline of the proposed research;
- The Research methods and plan;
- The relation of the study to previous work in the same field by the candidate and others;
- A preliminary literature review;
- A substantial bibliography;
- A timeline for the completion of the research
- A copy of the Research Ethics Review Checklist
- The proposed supervisor(s) and their credentials
- An intellectual property agreement if required
- Memo of Understanding for any external supervisor

5.3 The Law Faculty Research Committee may, upon the recommendation of the Course Coordinator vary the title of the thesis topic.

5.4 A candidate enrolled for the degree shall, at least once per semester during the period of candidature, consult with the Principal Supervisor and, where appropriate, any Associate Supervisor appointed by the Law Faculty Research Committee on the advice of the Course Coordinator.

5.5 A candidate shall submit three copies of the thesis in the form prescribed by the University for the submission of theses to the Course Coordinator not later than the end of November or May, as the case may be, in the year in which the candidate is required to complete the degree. On submission of the thesis, the candidate shall furnish a written statement to the effect that the thesis is that candidate's work alone, except where due acknowledgment is made in the text, and does not include material which has been previously submitted or accepted for a degree or diploma.

5.6 The Principal Supervisor shall recommend to the Faculty Research Committee the names of two examiners for the thesis, at least one of whom must be external to the University and neither of whom are the candidate's supervisor.

5.7 The Law Faculty Research Committee, through the Office of Research, shall refer the thesis to two examiners. Each examiner shall report, normally within two months of receipt of the thesis, whether in the examiner's opinion, the thesis is of the standard required for the award of the degree. Each examiner shall also recommend that the thesis:

- (i) be accepted
- (ii) not be accepted, or
- (iii) be accepted subject to amendments to be made to the satisfaction of the Principal Supervisor.

5.8 After both examiners' reports are received the Office of Research will forward them to the Course Coordinator, the Principal Supervisor and the candidate with an appropriate covering letter. (Until such time as the examination process is complete the identity of the examiners will be withheld from the candidate.)

### *Examiners in Agreement*

Where both examiners recommend that the thesis be accepted (recommendations (i) or (iii)), the Course Coordinator will consult with the Principal Supervisor to discuss any corrections or revisions that the candidate may be required to make and where revisions are required.

Where corrections or revisions are to be made to the satisfaction of the Principal Supervisor, the Principal Supervisor must certify to the Research Degrees Committee that they recommend acceptance of the thesis in fulfilment of the conditions for the award of the MJust (Research) degree.

### *Examiners not in Agreement*

Where the recommendations of the examiners are not in agreement as to whether the thesis should be accepted for the award of MJust (Research) or as to whether the thesis may be revised, the Law Faculty Research Committee will refer the thesis to a third examiner.

Upon receipt of the third examiner's report, a majority decision shall be adopted. Where the majority decisions is that the thesis be accepted or that the thesis be rejected, this shall be the decisions of the examiners as the case may be. Where the recommendation of three examiners clearly differ and no clear majority exists, the Course Coordinator or nominee shall liaise with the Principal Supervisor to determine the further course of action.

### *Appeals*

A candidate whose thesis has failed may lodge an appeal against the outcome of the examination process. The grounds for appeal may be on matters of process only, ie procedural irregularities in the conduct of the examination or documented evidence of examiner bias as evidenced by comments in the examiners reports.

An appeal must be lodged within sixty (60) days of the date of written advice from the Office of Research on the outcome of the examination. This appeal must include the specific grounds on which the appeal is based. Appeals must be submitted in writing to the Office of the Pro-Vice-Chancellor (Research and Advancement). The University Director, Postgraduate Research Studies, will determine whether a potential conflict of interest exists in relation to his/her consideration of the appeal. In cases where a conflict of interest exists, the University Director, Postgraduate Research Studies, will appoint a member of academic staff, with expertise in research candidate supervision to consider the appeal.

The University Director, Postgraduate Research Studies, or appointee will decide whether a case exists and may seek the advice of the Faculty or school as appropriate. The appeal may be allowed or dismissed. If an appeal is allowed, the University Director, Postgraduate Research Studies, or appointee cannot recommend that the degree be awarded but shall recommend that the thesis be re-examined.

The University Director, Postgraduate Research Studies, or appointee will make a determination on the appeal as soon as practicable and will advise appellants, in writing, of the result of the appeal.

5.9 Following final acceptance of the thesis, one copy shall be bound in the prescribed form at the candidate's expense and submitted to the Office of Research for inclusion in the QUT Faculty of Law Library. An additional copy shall be bound at the Faculty's expense for inclusion in the Faculty Office collection. Any corrections resulting from the examiners' assessment shall be made prior to binding, and by retyping if they would otherwise be obtrusive.

## 6. Credit for Research Work Done Elsewhere

6.1 The Course Coordinator may grant credit toward the Master of Justice degree by Research for work done at another institution

of similar standing. Such credit shall not be granted unless the candidate provides to the Course Coordinator:

- (i) evidence that the candidate has cancelled or terminated enrolment at the other institution, and
- (ii) a written undertaking that the candidate will not seek credit in any form or manner for work done at the other institution or any other institutions except to complete the degree at QUT.

### 7. Time for Completion Requirements

7.1 Except in special circumstances and with the approval of the Course Coordinator:

- (i) a full-time candidate shall complete all the requirements for the degree not earlier than the end of the second semester and not later than the end of the sixth semester of candidature;
- (ii) a part-time candidate shall complete all the requirements for the degree not earlier than the end of the fourth semester and not later than the end of the eighth semester of the candidature. International students studying on student visas must be enrolled on a full-time basis.

7.2 The Course Coordinator may, upon the application of the candidate, extend any time limited by the rules by such further period as may be consistent with general University rules. Extensions of time for international students will only be made in exceptional circumstances. International students should consult the Course Coordinator and the Office of International Students if an extension of time is required.

### 8. Award of Degree

8.1 A candidate who has fulfilled the requirements of these rules and who has otherwise complied with the provisions of all statutes and other rules applicable may be admitted to the degree of Master of Justice (Research) by the University Academic Board on the recommendation of the Law Academic Board and the University Research Degrees Committee.

#### Course structure

##### Full-time Students

IFN100 Full-time Masters Research

##### Full-time Students extension

IFN101 Full-time Masters Research (Extension)

##### Part-time Students

IFN200 Part-time Masters Research

##### Part-time Students extension

IFN201 Part-time Masters Research (Extension)

## ■ Master of Justice by Coursework (JS51)

**Award title:** Master of Justice (Study Area A)

**CRICOS code:** 020311G

**Location:** Kelvin Grove

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 2 Years

**Course duration (external):** 2 Years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Belinda Carpenter - Master of Justice, Dr Ian Wells - (Strategic Intelligence Study Area)

#### Overview

The Master of Justice by coursework provides advanced postgraduate education in justice administration, law enforcement, criminology, organised crime and corruption investigation and strategic intelligence. The course design allows you to explore social justice and equity issues such as gender, class, race and ethnicity, while its multidisciplinary approach provides diversity and flexibility.

#### Entry requirements

A Bachelor of Arts (Justice Studies) degree (or an equivalent qualification) and an approved Honours degree, OR an

appropriate Graduate Diploma or Graduate Certificate with a GPA of 5.00 or better, OR approved equivalent professional experience or an approved four-year undergraduate degree in an appropriate field.

Students who have successfully completed a Graduate Certificate program in Justice Studies, and who have a GPA of 5.0 or better may articulate into the Master of Justice and receive 48 credit points of credit.

#### Course Requirements

The basic course structure appears in the table. Students must complete eight units of equal weighting totalling 96 credit points. The eight units can comprise:

(a) four units from one major study area

AND

(b) four units chosen from across the Masters program including either Theories of Justice 1 or Intelligence, Justice and Accountability (for Strategic Intelligence students)

OR

(c) eight units chosen from across the Masters program including either Theories of Justice 1 or Intelligence, Justice and Accountability.

OR

(d) six units chosen from across the Graduate Certificate and Masters program including either Theories of Justice 1 or Intelligence, Justice and Accountability and no more than four units taken from the Graduate Certificate program and the two Independent Studies units collapsed into one Research Project of 24 CP.

#### Course structure - M Justice by Coursework

##### Year 1, Semester 1 (Full-time)

JSN001 Theories Of Justice 1

OR

JSN016 Intelligence, Justice and Accountability

Plus Select one elective unit from list below and 2 units from major study area (listed further below)

##### Electives Semester 1

JSN006 Independent Study 1

JSN018 Advanced Crime Research Methods

##### Year 1, Semester 2 (Full-time)

Choose 2 units from elective list below

and 2 units from major study area (listed further below)

##### Electives Semester 2

JSN005 Theories Of Justice 2

JSN007 Independent Study 2

JSN014 Law, Justice And New Genetic Technologies

JSN015 Women and the Australian Legal System

LWN129 Contemporary Issues In Sentencing Law

JSN017 Intelligence and Decision Making

##### Year 1, Semester 1 Part-time/External

JSN001 Theories Of Justice 1

OR

JSN016 Intelligence, Justice and Accountability

Plus Select one elective

##### Year 1, Semester 2 Part-time/External

Select 2 electives

##### Year 2, Semester 1 Part-time/External

Select 2 units from major study area

##### Year 2, Semester 2 Part-time/External

Select 2 units from major study area

#### Major Study Areas

Strategic Intelligence

JSN161 Fundamentals of Intelligence

JSN162 Managing Intelligence

JSN163 Intelligence Research Issues & Methodology

JSN164 Intelligence and National Security

Critical Criminology

JSN131 Juvenile Justice

JSN132 Foundations in Criminology

JSN133 Crime Prevention

JSN134 Crime Control and Governance

Justice Policy

JSN151 Policy, Governance and Justice

JSN152 Administrative Justice



JSN153	Watchdogs: Warriors, Wimps and Witch-hunts
JSN154	Human Rights and Global Justice
Organised	Crime and Corruption Investigation
JSN141	Organised Crime and Corruption
JSN142	Forensic Investigation Methods and Strategies
JSN143	Proceeds of Crime and Money Laundering
JSN144	Evidence in Organised Crime Investigations

## ■ Master of Laws (LW51)

**Award title:** Master of Laws (Study Area A)

**CRICOS code:** 006380A

**Location:** Gardens Point and External

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 3 Years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Director, Graduate Programs

### Entry requirements

Prospective students must have:

- (i) completed the requirements for the degree of Bachelor of Laws of QUT
- (ii) have completed the requirements for the award of a degree in law at another tertiary institution which, in the opinion of the Director, Graduate Studies, maintains standards comparable with those required for the award of the degree of Bachelor of Laws at QUT
- (iii) hold a professional qualification in law and have at least three years of professional legal experience subsequent to first admission to practice and also satisfy the Director, Graduate Studies, that they have the requisite ability to complete the LLM by Coursework degree.

In exceptional circumstances, an applicant will be eligible for entry into the Master of Laws by Coursework degree in a specialist stream if they:

- (i) have completed a Graduate Certificate in Law in a specialist stream; and
- (ii) have significant professional experience in the field of the Graduate Certificate in Law already completed; and
- (iii) have achieved a grade point average of 5.5 in the units already completed for the Graduate Certificate in Law and whose course is approved by the Director, Graduate Studies.

### Overview

The Master of Laws by Coursework will deepen and broaden your legal learning, developing critical evaluation of the law and consideration and analysis of the attitudes and values underlying it. During the course, you are expected to attain high competence in legal research and writing on areas of conceptual difficulty. The course leads on to the Doctor of Juridical Science (subject to normal entry requirements).

### Course Structure

The course structure comprises 96 credit points of coursework units for a Pass degree together with a dissertation (a further 48 credit points) for an Honours degree.

The units from which 96 credit points shall be chosen are subject to availability.

### Articulation

This course articulates with the Doctor of Juridical Science (SJD).

### Advanced Standing

Graduates of QUT's Graduate Diploma in Legal Practice (LP41), who graduated from the first course in 2000 or from subsequent courses, may be deemed to have passed the equivalent of 48 credit points of units in LW51 and may be granted unspecified credit for such units.

### LWN100 Honours Dissertation

A coursework student who has obtained 96 credit points and who has a grade point average of 6.0 or better for all units attempted shall be eligible to enrol for an honours dissertation. Students who intend to undertake the honours dissertation should indicate their intention to the Administration Officer (Postgraduate Programs) before the end of their last semester of study.

The honours dissertation shall be not less than 20,000 words and not more than 30,000 words in length, and shall be prepared in accordance with the paper Presentation of Legal Theses by E.M. Campbell, copies of which are held in the Law Library. It shall include a title page, table of contents and bibliography.

Applications to undertake an honours dissertation must be made on the prescribed form available from the Administration Officer (Postgraduate Programs), detailing topic, proposed supervisor, etc. The obligation for finding a supervisor lies with the student. A list of research interests of faculty staff is released in October of each year. Applications close in the second week of the semester in which the student is enrolled for the honours dissertation. Students are advised of the success or otherwise of their application no later than Week 4 of the semester in which the student is enrolled. If the topic and supervisor are approved, the student shall pursue their research for the dissertation under the direction of the supervisor.

The student shall submit four clear typed copies of their dissertation to the Administration Officer (Postgraduate Programs) of the Faculty of Law by no later than the last day of the examination period of the second consecutive semester. On submission of the dissertation, the student shall furnish a signed statement that the dissertation is their work alone, except where due acknowledgment is made in the text, and does not include material which has been previously submitted or accepted for a degree or diploma. The dissertation shall be referred to two examiners. Each examiner shall report as to whether, in his or her opinion, the dissertation is of sufficient merit and is one that is likely to be accepted for publication by a learned journal. Each examiner shall also recommend that the dissertation:

- (i) be accepted, or
- (ii) not be accepted, or
- (iii) be accepted subject to amendments to be made to the satisfaction of the supervisor.

Following acceptance of the dissertation, two copies shall be bound in an approved form at the student's expense and one copy submitted to the Law Librarian for deposit in the QUT Faculty of Law Library and the other copy submitted for inclusion in the Queensland University of Technology Library. Any corrections resulting from the examiners' assessment shall be made prior to binding, and by retyping if they would otherwise be obtrusive.

### Note

Not all units are available in any one year. Units are offered subject to staff availability and minimum enrolments being met.

The degree can contain up to 48 credit points in independent research projects, but these must be approved by the Director, Graduate Studies.

The course rules allows students to undertake 24 credit points of approved units from other QUT faculties or universities.

All units are offered for internal study unless otherwise indicated.

Units offered externally are not available for offshore study. Students must be living in Australia.

### Course structure

#### Commercial Law

LWN022	Banking and Finance Law
LWN025	Research Project 1a
LWN030	Dispute Resolution/mediation
LWN043	Law Of Company Takeovers
LWN048	Advanced Legal Research
LWN050	Restrictive Trade Practices Law
LWN051	Consumer Protection And Product Liability

LWN065	Construction And Engineering Law
LWN075	International Commercial Transactions
LWN076	International Commercial Disputes
LWN083	Estate Planning
LWN093	Borrowers And Secured Lenders - Select Issues
LWN097	Corporate Insolvency
LWN117	Legal Regulation Of The Internet
LWN122	Commercial Leases
LWN125	Electronic Commerce Law
LWN126	The Law Of Costs
LWN127	Advanced Insurance Law 1
LWN128	Advanced Insurance Law 2
LWN139	Privacy Law
LWN145	Corporate And Investment Regulation
LWN147	Patent Law and Commercialisation: Information Technology and Biotechnology

These units may be taken in any order.

#### **Environmental Resources Law**

LWN025	Research Project 1a
LWN030	Dispute Resolution/mediation
LWN046	Advanced Planning Law
LWN048	Advanced Legal Research
LWN049	International Environmental Law
LWN060	Environmental Legal System
LWN061	Natural Resources Law
LWN062	Federal Environmental Law
LWN063	Comparative Environmental Law
LWN094	Energy Law
LWN095	Native Title Law, Policy And Practice
LWN131	Queensland State Lands: Law And Practice
LWN138	Comparative Cultural Heritage Law

These units may be taken in any order.

#### **Public Law**

LWN025	Research Project 1a
LWN030	Dispute Resolution/mediation
LWN035	Medico-Legal Issues
LWN048	Advanced Legal Research
LWN052	Civil Procedure - Theory And Practice
LWN087	Contemporary Issues In Torts
LWN095	Native Title Law, Policy And Practice
LWN111	Public Law And Government Commercial Activity
LWN119	Employment Law
LWN132	Public Sector Employment Law And Policy
LWN134	Representative Actions
LWN142	East Asian Legal Systems
LWN144	Contemporary Issues in Child Law

These units may be taken in any order.

#### **Technology Law**

LWN025	Research Project 1a
LWN030	Dispute Resolution/mediation
LWN036	Select Issues In Intellectual Property Law
LWN048	Advanced Legal Research
LWN099	Intellectual Property Law
LWN117	Legal Regulation Of The Internet
LWN120	Select Issues In Media Law And Policy
LWN125	Electronic Commerce Law
LWN135	Law, Justice And New Genetic Technologies
LWN139	Privacy Law
LWN146	International Intellectual Property Law
LWN147	Patent Law and Commercialisation: Information Technology and Biotechnology

These units may be taken in any order.

#### **2003 Schedule of Units**

LWN022	Banking and Finance Law
LWN030	Dispute Resolution/mediation
LWN046	Advanced Planning Law
LWN048	Advanced Legal Research
LWN049	International Environmental Law
LWN050	Restrictive Trade Practices Law
LWN060	Environmental Legal System
LWN061	Natural Resources Law
LWN063	Comparative Environmental Law
LWN065	Construction And Engineering Law
LWN076	International Commercial Disputes
LWN083	Estate Planning
LWN087	Contemporary Issues In Torts
LWN093	Borrowers And Secured Lenders - Select Issues
LWN097	Corporate Insolvency
LWN111	Public Law And Government Commercial Activity

LWN117	Legal Regulation Of The Internet
LWN119	Employment Law
LWN120	Select Issues In Media Law And Policy
LWN122	Commercial Leases
LWN125	Electronic Commerce Law
LWN127	Advanced Insurance Law 1
LWN128	Advanced Insurance Law 2
LWN131	Queensland State Lands: Law And Practice
LWN134	Representative Actions
LWN135	Law, Justice And New Genetic Technologies
LWN139	Privacy Law
LWN141	Women and the Australian Legal System
LWN142	East Asian Legal Systems
LWN143	International Criminal Justice
LWN144	Contemporary Issues in Child Law
LWN145	Corporate And Investment Regulation
LWN146	International Intellectual Property Law
LWN147	Patent Law and Commercialisation; Information Technology and Biotechnology

## ■ Master of Laws (Research) (LW52)

**Award title:** Master of Laws (Research and Thesis)

**CRICOS code:** 012654G

**Location:** Gardens Point

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 2 Years

**Total credit points:** 96

**Course coordinator:** Assistant Dean (Research)

### 1. Award

1.1 The following rules apply to the degree of Master of Laws to be obtained by research and thesis awarded by the Queensland University of Technology, and are made with the authority of the Academic Board of this University.

1.2 For the purposes of these Rules the Assistant Dean, Research acts as the delegate of the Dean, Faculty of Law and the Faculty of Law Research Committee acts as the delegate of the Law Academic Board.

### 2. Entry Requirements

The following persons shall be eligible to apply for admission as a student for the degree:

2.1 A person who has completed the requirements for the degree of Bachelor of Laws of QUT with at least Second Class Honours Division A, or its equivalent from another institution which, in the opinion of the Assistant Dean, Research, maintains standards comparable with those required for the award of the degree of Bachelor of Laws of QUT, or

2.1.1 A person who has completed the requirements for the degree of Bachelor of Laws or QUT at a standard of Second Class Honours Division B or a lesser standard, or its equivalent from another institution which, in the opinion of the Assistant Dean, Research maintains standards comparable with those required for the award of the degree of Bachelor of Laws of QUT, or

2.1.2 A person admitted or entitled to be admitted to practice in the State of Queensland.

2.2 Candidates falling within sub-clauses 2.1.1 and 2.1.2 must also satisfy the following to be eligible for admission:

2.2.1 Three years' professional experience in the field in which the proposed research work is to be undertaken, or

2.2.2 Satisfactory completion of an appropriate Masters qualifying program stipulated by the Assistant Dean, Research on the recommendation of the Law Faculty Research Committee. Pending satisfactory completion of a qualifying program, provisional status may be granted to the candidate, or

2.2.3 The submission of professional publications or other appropriate evidence which satisfies the Assistant Dean, Research on the recommendation of the Law Faculty Research Committee that advanced knowledge and research ability has been acquired

in the field of law in which the proposed research work is to be undertaken, and

2.2.4 The Assistant Dean, Research is satisfied of the ability of the candidate to complete the required research and thesis towards the degree.

### 3. Admission and Enrolment

3.1 An application for admission shall be made on the prescribed form:

- (i) The Postgraduate Research application form (PR Form) (if the applicant holds citizenship or permanent residency in Australia or New Zealand); or
- (ii) The Foreign Research application form (FR Form) (if the applicant is an international candidate).

3.2 Admission of a person as a candidate for the degree shall be at the discretion of the Assistant Dean, Research on the recommendation of the Law Faculty Research Committee.

3.3 A person applying for admission as a candidate for the degree shall apply in accordance with the requirements of the Registrar and shall pay all prescribed fees.

3.4 A person admitted as a candidate may enrol as either a full-time student or a part-time student. International students studying in Australia on student visas may only enrol in full-time programs.

### 4. Progress Reports

4.1 A candidate shall prepare within two weeks following the end of each semester a statement of the work done towards the degree and submit it to their Principal Supervisor.

4.2 The Principal Supervisor shall prepare a report on the prescribed form on the work done by the candidate during that semester and the report shall be given to the candidate for comment. The candidate shall sign the report in acknowledgement of this and return it to the Principal Supervisor.

4.3 Both reports together with any accompanying comments by the candidate shall then be forwarded through the Law Faculty Research Committee and the Assistant Dean, Research within four weeks following the end of that semester.

4.4 Where, in the opinion of the Law Faculty Research Committee, a candidate has not made satisfactory progress towards completing the requirements for the degree, the Law Faculty Research Committee on the advice of the Assistant Dean, Research shall call upon the candidate to show cause why their enrolment should not be terminated for lack of satisfactory progress.

4.5 Upon failure of the candidate to show cause the candidate's enrolment will be terminated.

### 5. Thesis Requirements

5.1 The thesis submitted for the degree shall be not less than 50,000 words and not more than 60,000 words in length and shall constitute a substantial contribution to knowledge and understanding in the area of the law and subject of the research. It shall include a title page, table of contents and bibliography, and shall otherwise comply with the University's requirements for presenting theses.

5.2 The candidate shall submit a detailed research outline to the Assistant Dean, Research within two months of admission to candidature. The research outline should address the following:

- The proposed title of the thesis;
- The objectives of the program of research and investigation;
- An outline of the proposed research;
- The Research methods and plan;
- The relation of the study to previous work in the same field by the candidate and others;
- A preliminary literature review;
- A substantial bibliography;
- A timeline for the completion of the research

- A copy of the Research Ethics Review Checklist
- The proposed supervisor(s) and their credentials
- An intellectual property agreement if required
- Memo of Understanding for any external supervisor

5.2 The Law Faculty Research Committee may, upon the recommendation of the Assistant Dean, Research vary the title of the thesis topic.

5.3 A candidate enrolled for the degree shall, at least once per semester during the period of candidature, consult with the Principal Supervisor and, where appropriate, any Associate Supervisor appointed by the Law Faculty Research Committee on the advice of the Assistant Dean, Research.

5.4 A candidate shall submit three copies of the thesis in the form prescribed by the University for the submission of theses to the Assistant Dean, Research not later than the end of November or May, as the case may be, in the year in which the candidate is required to complete the degree. On submission of the thesis, the candidate shall furnish a written statement to the effect that the thesis is that candidate's work alone, except where due acknowledgment is made in the text, and does not include material which has been previously submitted or accepted for a degree or diploma.

5.5 The Principal Supervisor shall recommend to the Faculty Research Committee the names of two examiners for the thesis, at least one of whom must be external to the University and neither of whom are the candidate's supervisor.

5.6 The Law Faculty Research Committee, through the Office of Research, shall refer the thesis to two examiners. Each examiner shall report, normally within two months of receipt of the thesis, whether in the examiner's opinion, the thesis is of the standard required for the award of the degree. Each examiner shall also recommend that the thesis:

- (i) be accepted
- (ii) not be accepted, or
- (iii) be accepted subject to amendments to be made to the satisfaction of the Principal Supervisor.

5.8 After both examiners' reports are received the Office of Research will forward them to the Assistant Dean, Research, the Principal Supervisor and the candidate with an appropriate covering letter. (Until such time as the examination process is complete the identity of the examiners will be withheld from the candidate.)

#### *Examiners in Agreement*

Where both examiners recommend that the thesis be accepted (recommendations (i) or (iii)), the Assistant Dean, Research will consult with the Principal Supervisor to discuss any corrections or revisions that the candidate may be required to make and where revisions are required.

Where corrections or revisions are to be made to the satisfaction of the Principal Supervisor, the Principal Supervisor must certify to the Research Degrees Committee that they recommend acceptance of the thesis in fulfilment of the conditions for the award of the LLM (Research) degree.

#### *Examiners not in Agreement*

Where the recommendations of the examiners are not in agreement as to whether the thesis should be accepted for the award of LLM(Research) or as to whether the thesis may be revised, the Law Faculty Research Committee will refer the thesis to a third examiner.

Upon receipt of the third examiner's report, a majority decision shall be adopted. Where the majority decision is that the thesis be accepted or that the thesis be rejected, this shall be the decisions of the examiners as the case may be. Where the recommendation of three examiners clearly differ and no clear majority exists, the Assistant Dean, Research or nominee shall liaise with the Principal Supervisor to determine the further course of action.

### Appeals

A candidate whose thesis has failed may lodge an appeal against the outcome of the examination process. The grounds for appeal may be on matters of process only, ie procedural irregularities in the conduct of the examination or documented evidence of examiner bias as evidenced by comments in the examiners reports.

An appeal must be lodged within sixty (60) days of the date of written advice from the Office of Research on the outcome of the examination. This appeal must include the specific grounds on which the appeal is based. Appeals must be submitted in writing to the Office of the Pro-Vice-Chancellor (Research and Advancement). The Director, Postgraduate Research Studies, will determine whether a potential conflict of interest exists in relation to his/her consideration of the appeal. In cases where a conflict of interest exists, the Director, Postgraduate Research Studies, will appoint a member of academic staff, with expertise in research candidate supervision to consider the appeal.

The Director, Postgraduate Research Studies, or appointee will decide whether a case exists and may seek the advice of the Faculty or school as appropriate. The appeal may be allowed or dismissed. If an appeal is allowed, the Director, Postgraduate Research Studies, or appointee cannot recommend that the degree be awarded but shall recommend that the thesis be re-examined.

The Director, Postgraduate Research Studies, or appointee will make a determination on the appeal as soon as practicable and will advise appellants, in writing, of the result of the appeal.

5.9 Following final acceptance of the thesis, one copy shall be bound in the prescribed form at the candidate's expense and submitted to the Office of Research for inclusion in the QUT Faculty of Law Library. An additional copy shall be bound at the Faculty's expense for inclusion in the Faculty Office collection. Any corrections resulting from the examiners' assessment shall be made prior to binding, and by retyping if they would otherwise be obtrusive.

### 6. Credit for Research Work Done Elsewhere

6.1 The Assistant Dean, Research may grant credit toward the Master of Laws degree by Research for work done at another institution of similar standing. Such credit shall not be granted unless the candidate provides to the Assistant Dean, Research:

- (i) evidence that the candidate has cancelled or terminated enrolment at the other institution, and
- (ii) a written undertaking that the candidate will not seek credit in any form or manner for work done at the other institution or any other institutions except to complete the degree at QUT.

### 7. Time for Completion Requirements

7.1 Except in special circumstances and with the approval of the Assistant Dean, Research:

- (i) a full-time candidate shall complete all the requirements for the degree not earlier than the end of the second semester and not later than the end of the sixth semester of candidature;
- (ii) a part-time candidate shall complete all the requirements for the degree not earlier than the end of the fourth semester and not later than the end of the eighth semester of the candidature. International students studying on student visas must be enrolled on a full-time basis.

7.2 The Assistant Dean, Research may, upon the application of the candidate, extend any time limited by the rules by such further period as may be consistent with general University rules. Extensions of time for international students will only be made in exceptional circumstances. International students should consult the Assistant Dean, Research and the Office of International Students if an extension of time is required.

### 8. Award of Degree

8.1 A candidate who has fulfilled the requirements of these rules and who has otherwise complied with the provisions of all statutes and other rules applicable may be admitted to the degree of Master of Laws by the University Academic Board on the recommendation of the Law Academic Board and the University Research Degrees Committee

#### Course structure

##### Full-time course structure

IFN200 48 credit points of research per semester.

##### Part-time course structure

IFN200 24 credit points of research per semester.

### ■ Graduate Diploma in Legal and Justice Studies (JS41)

**Award title:** Graduate Diploma in Legal and Justice Studies

**CRICOS code:** 020312G

**Location:** Kelvin Grove

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Course duration (external):** 2 years part-time

**Total credit points:** 96

**Course coordinator:** Dr Belinda Carpenter

#### Entry requirements

Available to continuing students only. An appropriate undergraduate degree from a recognised tertiary institution or extensive professional experience that is deemed appropriate by the Course Coordinator. If an application falls within the second category, students must provide documentary evidence of their experience when they complete the standard application form. Students may be interviewed before they are offered a place.

#### Course Structure

Of the course's 96 credit points, students will complete 48 credit points of core units and 48 credit points of specialist units from within a students chosen professional area.

#### Core Units

JSP001	Law And Government 1
JSP002	Criminal Law In Context 1
JSP003	Law And Government 2
JSP004	Criminal Law In Context 2

#### Professional Minors - Law Enforcement

JSP051	Introduction To Criminal Law And Evidence
JSP052	Police Procedure And Practice
JSP053	Organised Crime
JSP054	Issues In Policing

#### Intelligence and Security

Four units from the following	
JSP061	Process Theory And Application
JSP062	Protective Security - Theory And Application
JSP063	Intelligence Research - Issues, Procedures And Practice
JSP064	Protective Security Issues And Practice
JSP065	Intelligence And National Security
JSP066	Management Of Protective Security
JSP067	Intelligence, Organisations, Personnel And Operations

#### Criminology

JSP041	Juvenile Justice
JSP042	Crime And The Workplace
JSP043	Crime Research Methods
JSP044	Responding To Crime

#### Corrections and the Community

JSP071	Corrections And The Community 1
JSP072	Corrections And The Community 2
JSP073	Corrections And The Community 3
JSP074	Corrections And The Community 4

#### Legal and Justice Policy

JSP081	Law And Public Policy
JSP082	Legal Rights And Responsibilities
JSP083	Administrative Law And Justice
JSP084	Justice And Human Rights

## ■ Graduate Diploma in Legal Practice (LP41)

**Award title:** Graduate Diploma in Legal Practice

**CRICOS code:** 009034F

**Location:** Gardens Point

**Course duration (full-time):** Total of 24 weeks each course (excluding breaks)

**Course duration (part-time):** Total of 45 weeks each course (excluding breaks)

**Total credit points:** 96

**Course coordinator:** Allan Chay, Director Legal Practice

### Entry requirements

An approved degree in law; that is, a degree that satisfies Queensland requirements for solicitors. Students may apply for special entry. However, such places are only available if quota places remain after all eligible applicants have been offered admission. Part-time off-campus mode is only available to persons working in approved legal environments.

### Professional Recognition

This diploma satisfies the practical training requirement of the Solicitors Admission Rules (Queensland). (Subject to Solicitors Board Approval.)

### Course structure

#### Practice Topics

LPP101	Transaction Skills
LPP102	Dispute Resolution Skills
LPP103	Banking And Finance
LPP104	Commercial Law Practice
LPP105	Family And Estates
LPP106	Litigation
LPP107	Property Law Practice
LPP108	Placement

## ■ Graduate Diploma in Legal Studies (LW70)

**Award title:** Graduate Diploma in Legal Studies

**CRICOS code:** 040318B

**Location:** Gardens Point

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Director, Graduate Studies

### Entry Requirements

An appropriate undergraduate degree from a recognised tertiary institution or professional experience that the Course Coordinator deems to be appropriate

### Overview

If you are a graduate or a professional working in the legal sector, the Graduate Diploma in Legal Studies will help develop your professional competencies, skills and knowledge. The course provides short, focused programs to upgrade qualifications. On completion of this course you should be able to contribute to your employer's practical services, organisation and policy making.

### Course structure - Full-time

#### Semester 1 - Full-time

	Introduction to Legal Research
LWB136	Contracts A
LWB138	Fundamentals Of Torts
LWB141	Legal Institutions And Method
PLUS	
LWB142	Law, Society And Justice
OR	
LWB143	Legal Research And Writing

#### Semester 2 - Full-time

12 credit points - elective

12 credit points - elective

12 credit points - elective

12 credit points - elective

### Course structure - Part-time

#### Semester 1 Entry: Semester 1 - Option 1 (LWB142)

Introduction to Legal Research

LWB141 Legal Institutions And Method

LWB142 Law, Society And Justice

#### Semester 1 Entry: Semester 2 - Option 1 (LWB142)

LWB136 Contracts A

LWB138 Fundamentals Of Torts

#### Semester 1 Entry: Semester 1 - Option 2 (LWB143)

Introduction to Legal Research

LWB141 Legal Institutions And Method

LWB136 Contracts A

#### Semester 1 Entry: Semester 2 - Option 2 (LWB143)

LWB143 Legal Research And Writing

LWB138 Fundamentals Of Torts

#### Semester 2 Entry: Semester 2 - Option 1 (LWB142)

Introduction to Legal Research

LWB141 Legal Institutions And Method

LWB136 Contracts A

#### Semester 2 Entry: Semester 1 - Option 1 (LWB142)

LWB138 Fundamentals Of Torts

LWB142 Law, Society And Justice

#### Semester 2 Entry: Semester 2 - Option 2 (LWB143)

Introduction to Legal Research

LWB141 Legal Institutions And Method

LWB143 Legal Research And Writing

#### Semester 2 Entry: Semester 1 - Option 1 (LWB143)

LWB136 Contracts A

LWB138 Fundamentals Of Torts

#### All Semesters of Entry: Semester 3

12 credit points - elective

12 credit points - elective

#### All Semesters of Entry: Semester 4

12 credit points - elective

12 credit points - elective

## ■ Graduate Certificate in Critical Criminology (JS26)

**Award title:** Graduate Certificate in Critical Criminology

**Location:** Kelvin Grove and External

**Course duration (part-time):** 1 year

**Course duration (external):** 1 year

**Total credit points:** 48

**Course coordinator:** Dr Belinda Carpenter

**Discipline coordinator:** Dr Melissa Bull

### Entry Requirements

An appropriate undergraduate degree from a recognised tertiary institution or professional experience that the Course Coordinator deems to be appropriate.

### Course Requirements

The Graduate Certificate in Critical Criminology consists of four units of twelve credit points each. The four units focus on foundations in criminology, juvenile justice, crime prevention and crime control.

### Articulation to Master of Justice

A student who has successfully completed the Graduate Certificate in Critical Criminology with a GPA of 5.0 or better, may articulate to the Master of Justice (Critical Criminology) and receive credit for their specialist area study of 48 credit points.

### Course structure

#### Part-time/External Semester 1

JSP131 Juvenile Justice

JSP132 Foundations in Criminology

#### Part-time/External Semester 2

JSP133 Crime Prevention

JSP134 Crime Control and Governance

## ■ Graduate Certificate in Justice (JS25)

**Award title:** Graduate Certificate in Justice

**CRICOS code:** 036433M

**Location:** Kelvin Grove and External

**Course duration (full-time):** 6 months

**Course duration (part-time):** 1 year

**Course duration (external):** 1 year part-time

**Total credit points:** 48

**Course coordinator:** Dr Belinda Carpenter

### Entry requirements

An appropriate undergraduate degree from a recognised tertiary institution OR professional experience that the Course Coordinator deems to be appropriate.

### Course Requirements

The Graduate Certificate in Justice consists of four units of 12 credit points each. The four units will be chosen from across any of the Graduate Certificate Programs (Strategic Intelligence JS29; Critical Criminology JS26; Organised Crime and Corruption Investigation JS27; and Justice Policy JS28).

### Articulation to Master of Justice

A student who has successfully completed the Graduate Certificate in Justice with a GPA of 5.0 or better, may articulate to the Master of Justice and receive credit of 48 credit points.

### Course structure

**Full-time structure, Sem 1. Select any four units from:**

JSP131	Juvenile Justice
JSP132	Foundations in Criminology
JSP141	Organised Crime and Corruption
JSP142	Forensic Investigation Methods and Strategies
JSP151	Policy, Governance and Justice
JSP152	Administrative Justice
JSP161	Fundamentals of Intelligence
JSP162	Managing Intelligence

**Full-time Structure, Sem 2 (MID-YEAR ENTRY). Select any four units (48 cps) from the following:**

JSP133	Crime Prevention
JSP134	Crime Control and Governance
JSP143	Proceeds of Crime and Money Laundering
JSP144	Evidence in Organised Crime Investigations
JSP153	Watchdogs: Warriors, Wimps and Witch-hunts
JSP154	Human Rights and Global Justice
JSP163	Intelligence Research Issues & Methodology
JSP164	Intelligence and National Security

**Part-time/External: Select any 2 units from both Sem 1 & 2 Full-time Programs above (total of 48cps)**

## ■ Graduate Certificate in Justice Policy (JS28)

**Award title:** Graduate Certificate in Justice Policy

**Location:** Kelvin Grove and External

**Course duration (part-time):** 1 year

**Course duration (external):** 1 year

**Total credit points:** 48

**Course coordinator:** Dr Belinda Carpenter

**Discipline coordinator:** Ms Jane Chester

### Entry requirements

An appropriate undergraduate degree from a recognised tertiary institution or professional experience that the Course Coordinator deems to be appropriate.

### Course Requirements

The Graduate Certificate in Justice Policy consists of four units of twelve credit points each. They comprise: Policy, Governance and Justice, Administrative Justice, Watchdogs: Warriors, Wimps and Witch-hunts and Human Rights and Global Justice.

### Articulation to Master of Justice

A student who has successfully completed the Graduate Certificate in Justice Policy with a GPA of 5.0 or better, may

articulate to the Master of Justice (Justice Policy) and receive credit for their specialist area study of 48 credit points.

### Course structure

**Part-time/External Semester 1**

JSP151 Policy, Governance and Justice

JSP152 Administrative Justice

**Part-time/External Semester 2**

JSP153 Watchdogs: Warriors, Wimps and Witch-hunts

JSP154 Human Rights and Global Justice

## ■ Graduate Certificate in Law (LW60)

**Award title:** Graduate Certificate in Law (Study Area A)

**CRICOS code:** 027286C

**Location:** Gardens Point

**Course duration (full-time):** 1 semester (Generic course and select majors only)

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Director, Graduate Programs

### Entry requirements

Prospective students must hold (or have completed the requirements for) the degree of Bachelor of Laws from QUT or a comparable institution OR have a professional qualification in law and have at least three years experience since they were first admitted to practice OR have some other degree and professional experience which, in the opinion of the Director, Graduate Studies, equips the student for postgraduate study in law in the specialist field they have chosen.

### Course Structure

The required credit points can be accrued in two ways. Students can nominate a major from the following list and choose units to the value of 48 credit points from it. Alternatively, students can complete a generic certificate by choosing any coursework units to the value of 48 credit points from those offered that year in the Master of Laws by Coursework.

### Articulation to the Master of Laws by Coursework

A student who has successfully completed the Graduate Certificate in Law in a specialist stream and who does not hold a LLB degree or equivalent, on certain conditions, may be permitted to credit the units undertaken towards an LLM degree.

### Course structure

**Commercial Transactions**

LWN022 Banking and Finance Law

LWN025 Research Project 1a

LWN030 Dispute Resolution/mediation

LWN043 Law Of Company Takeovers

LWN048 Advanced Legal Research

LWN050 Restrictive Trade Practices Law

LWN051 Consumer Protection And Product Liability

LWN075 International Commercial Transactions

LWN076 International Commercial Disputes

LWN093 Borrowers And Secured Lenders - Select Issues

LWN097 Corporate Insolvency

LWN122 Commercial Leases

These units may be taken in any order

**Corporate Law**

LWN025 Research Project 1a

LWN030 Dispute Resolution/mediation

LWN043 Law Of Company Takeovers

LWN048 Advanced Legal Research

LWN096 Capital Markets Law

LWN097 Corporate Insolvency

LWN022 Banking and Finance Law

LWN050 Restrictive Trade Practices Law

LWN051 Consumer Protection And Product Liability

LWN093 Borrowers And Secured Lenders - Select Issues

LWN145 Corporate And Investment Regulation

These units may be taken in any order.

**Criminal Justice**

- LWN025 Research Project 1a  
 LWN030 Dispute Resolution/mediation  
 LWN048 Advanced Legal Research  
 LWN129 Contemporary Issues In Sentencing Law  
 LWN135 Law, Justice And New Genetic Technologies  
 These units may be taken in any order. Students in this major may also take units from JS51 Master of Justice

**Environment**

- LWN025 Research Project 1a  
 LWN030 Dispute Resolution/mediation  
 LWN048 Advanced Legal Research  
 LWN049 International Environmental Law  
 LWN060 Environmental Legal System  
 LWN061 Natural Resources Law  
 LWN062 Federal Environmental Law  
 LWN063 Comparative Environmental Law  
 LWN094 Energy Law  
 LWN095 Native Title Law, Policy And Practice  
 LWN131 Queensland State Lands: Law And Practice  
 These units may be taken in any order, however we recommend that you take LWN061, Natural Resources Law first.

**International Law**

- LWN025 Research Project 1a  
 LWN030 Dispute Resolution/mediation  
 LWN048 Advanced Legal Research  
 LWN049 International Environmental Law  
 LWN075 International Commercial Transactions  
 LWN076 International Commercial Disputes  
 LWN142 East Asian Legal Systems  
 LWN143 International Criminal Justice  
 LWN146 International Intellectual Property Law  
 These units may be taken in any order.

**Media and Communications Law**

- LWN025 Research Project 1a  
 LWN030 Dispute Resolution/mediation  
 LWN036 Select Issues In Intellectual Property Law  
 LWN048 Advanced Legal Research  
 LWN099 Intellectual Property Law  
 LWN117 Legal Regulation Of The Internet  
 JSN012 Law Morality And The Media  
 LWN125 Electronic Commerce Law  
 LWN139 Privacy Law  
 LWN146 International Intellectual Property Law  
 LWN147 Patent Law and Commercialisation: Information Technology and Biotechnology  
 These units may be taken in any order.

**Planning and Resources**

- LWN025 Research Project 1a  
 LWN030 Dispute Resolution/mediation  
 LWN046 Advanced Planning Law  
 LWN048 Advanced Legal Research  
 LWN060 Environmental Legal System  
 LWN061 Natural Resources Law  
 LWN062 Federal Environmental Law  
 LWN065 Construction And Engineering Law  
 LWN094 Energy Law  
 LWN095 Native Title Law, Policy And Practice  
 LWN131 Queensland State Lands: Law And Practice  
 LWN138 Comparative Cultural Heritage Law  
 These units may be taken in any order, however, we recommend that you take LWN061 Natural Resources Law first.

**Property**

- LWN025 Research Project 1a  
 LWN030 Dispute Resolution/mediation  
 LWN046 Advanced Planning Law  
 LWN048 Advanced Legal Research  
 LWN061 Natural Resources Law  
 LWN065 Construction And Engineering Law  
 LWN083 Estate Planning  
 LWN095 Native Title Law, Policy And Practice  
 LWN122 Commercial Leases  
 LWN127 Advanced Insurance Law 1  
 LWN128 Advanced Insurance Law 2  
 LWN131 Queensland State Lands: Law And Practice  
 LWN138 Comparative Cultural Heritage Law  
 These units may be taken in any order.

**Public Law**

- LWN025 Research Project 1a  
 LWN030 Dispute Resolution/mediation  
 LWN035 Medico-Legal Issues  
 LWN048 Advanced Legal Research  
 LWN052 Civil Procedure - Theory And Practice  
 LWN087 Contemporary Issues In Torts  
 LWN088 Government Law, Policy And Practice  
 LWN095 Native Title Law, Policy And Practice  
 LWN111 Public Law And Government Commercial Activity  
 LWN119 Employment Law  
 LWN132 Public Sector Employment Law And Policy  
 LWN134 Representative Actions  
 LWN142 East Asian Legal Systems  
 LWN144 Contemporary Issues in Child Law  
 These units may be taken in any order.

**2003 Schedule of Units**

- LWN049 International Environmental Law  
 LWN022 Banking and Finance Law  
 LWN030 Dispute Resolution/mediation  
 LWN046 Advanced Planning Law  
 LWN048 Advanced Legal Research  
 LWN050 Restrictive Trade Practices Law  
 LWN060 Environmental Legal System  
 LWN061 Natural Resources Law  
 LWN063 Comparative Environmental Law  
 LWN065 Construction And Engineering Law  
 LWN076 International Commercial Disputes  
 LWN083 Estate Planning  
 LWN087 Contemporary Issues In Torts  
 LWN093 Borrowers And Secured Lenders - Select Issues  
 LWN097 Corporate Insolvency  
 LWN111 Public Law And Government Commercial Activity  
 LWN117 Legal Regulation Of The Internet  
 LWN119 Employment Law  
 LWN120 Select Issues In Media Law And Policy  
 LWN122 Commercial Leases  
 LWN125 Electronic Commerce Law  
 LWN127 Advanced Insurance Law 1  
 LWN128 Advanced Insurance Law 2  
 LWN131 Queensland State Lands: Law And Practice  
 LWN134 Representative Actions  
 LWN135 Law, Justice And New Genetic Technologies  
 LWN139 Privacy Law  
 LWN141 Women and the Australian Legal System  
 LWN142 East Asian Legal Systems  
 LWN143 International Criminal Justice  
 LWN144 Contemporary Issues in Child Law  
 LWN145 Corporate And Investment Regulation  
 LWN146 International Intellectual Property Law  
 LWNxxx Patent Law and Commercialisation; Information Technology and Biotechnology

## ■ Graduate Certificate in Legal Studies (LW65)

**Award title:** Graduate Certificate in Legal Studies

**CRICOS code:** 040307E

**Location:** Gardens Point

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Director, Graduate Studies

**Entry Requirements**

An appropriate undergraduate degree from a recognised tertiary institution or Professional experience that the Course Coordinator deems to be appropriate

**Course structure - Full-time (entry in semester one or two)**

- Introduction to Legal Research  
 LWB136 Contracts A  
 LWB138 Fundamentals Of Torts  
 LWB141 Legal Institutions And Method

PLUS

LWB142 Law, Society And Justice

OR

LWB143 Legal Research And Writing

**Course structure - Part-time****Semester 1 Entry: Semester 1 - Option 1 (LWB142)**

Introduction to Legal Research

LWB141 Legal Institutions And Method

LWB142 Law, Society And Justice

**Semester 1 Entry: Semester 2 - Option 1 (LWB142)**

LWB136 Contracts A

LWB138 Fundamentals Of Torts

**Semester 1 Entry: Semester 1 - Option 2 (LWB143)**

Introduction to Legal Research

LWB136 Contracts A

LWB141 Legal Institutions And Method

**Semester 1 Entry: Semester 2 - Option 2 (LWB143)**

LWB138 Fundamentals Of Torts

LWB143 Legal Research And Writing

**Semester 2 Entry: Semester 2 - Option 1 (LWB142)**

Introduction to Legal Research

LWB141 Legal Institutions And Method

LWB136 Contracts A

**Semester 2 Entry: Semester 1 - Option 1 (LWB142)**

LWB138 Fundamentals Of Torts

LWB142 Law, Society And Justice

**Semester 2 Entry: Semester 2 - Option 2 (LWB143)**

Introduction to Legal Research

LWB141 Legal Institutions And Method

LWB143 Legal Research And Writing

**Semester 2 Entry: Semester 1 - Option 2 (LWB143)**

LWB136 Contracts A

LWB138 Fundamentals Of Torts

**■ Graduate Certificate in Organised Crime and Corruption Investigation (JS27)****Award title:** Graduate Certificate in Organised Crime and Corruption Investigation**Location:** Kelvin Grove and External**Course duration (part-time):** 1 year**Course duration (external):** 1 year**Total credit points:** 48**Course coordinator:** Dr Belinda Carpenter**Discipline coordinator:** Mr Michael Barnes**Entry requirements**

An appropriate undergraduate degree from a recognised tertiary institution or professional experience that the Course Coordinator deems to be appropriate.

**Course Requirements**

The Graduate Certificate in Organised Crime and Corruption Investigation consists of four units of twelve credit points each. They comprise: Organised Crime & Corruption; Forensic Investigation Methods and Strategies; Proceeds of Crime and Money Laundering; Evidence in Organised Crime Investigations.

**Articulation to Master of Justice**

A student who has successfully completed the Graduate Certificate in Organised Crime and Corruption Investigation with a GPA of 5.0 or better, may articulate to the Master of Justice (Organised Crime and Corruption Investigation) and receive credit for their specialist area study of 48 credit points.

**Course structure****Part-time/External Semester 1**

JSP141 Organised Crime and Corruption

JSP142 Forensic Investigation Methods and Strategies

**Part-time/External Semester 2**

JSP143 Proceeds of Crime and Money Laundering

JSP144 Evidence in Organised Crime Investigations

**■ Graduate Certificate in Strategic Intelligence (JS29)****Award title:** Graduate Certificate in Strategic Intelligence**Location:** Kelvin Grove and External**Course duration (part-time):** 1 year**Course duration (external):** 1 year Part-time**Total credit points:** 48**Course coordinator:** Dr Belinda Carpenter**Discipline coordinator:** Dr Ian Wells**Entry Requirements**

An appropriate undergraduate degree from a recognised tertiary institution or professional experience that the Course Coordinator deems to be appropriate.

**Articulation to Master of Justice**

A student who has successfully completed the Graduate Certificate in Strategic Intelligence with a GPA of 5.0 or better, may articulate to the Master of Justice (Strategic Intelligence) and receive credit for their specialist area study of 48 credit points.

**Course structure****Part-time/External Semester 1**

JSP161 Fundamentals of Intelligence

JSP162 Managing Intelligence

**Part-time/External Semester 2**

JSP163 Intelligence Research Issues &amp; Methodology

JSP164 Intelligence and National Security

**■ Bachelor of Justice (Honours) (JS40)****Award title:** Bachelor of Justice (Honours)**CRICOS code:** 020313F**Location:** Kelvin Grove**Course duration (full-time):** 1 Year**Course duration (part-time):** 2 Years**Total credit points:** 96**Standard credit points per semester (full-time):** 48**Standard credit points per semester (part-time):** 24**Course coordinator:** Dr Ian Wells**Entry Requirements**

A Bachelor of Arts (Justice Studies) three-year degree or equivalent, having attained a grade point average of at least 5 on a 7-point scale in the final year of study and completion of the JSB043 Crime Research Methods, which is offered in the undergraduate program, OR other qualifications, including work experience or involvement in research that is deemed appropriate by the Course Coordinator. Normally students would apply for admission to the Honours program at the end of the final year of the students pass degree.

**Course Structure**

The Bachelor of Justice (Honours) is a 96 credit-point course. Students complete four (4) prescribed units (48 credit points) and a dissertation (48 credit points). The dissertation calls for students to design, develop and implement a substantial research project. Students can pursue original lines of thought, formulate and test hypotheses, develop problem-solving strategies and make decisions. Students are expected to demonstrate high ethical standards, awareness of sociocultural and equity issues, and professional accountability. Students should contact the Honours Coordinator to discuss thesis and supervisor.

**Full-time Course structure****Year 1, Semester 1**

JSB411 Theories Of Justice 1

JSB412 Literature Review

JSB413 Colloquium

JSB414/1 Thesis 1

**Year 2, Semester 2**

JSB405 Justice Organisations

JSB414/2 Thesis 2

JSB414/3 Thesis 3



JSB414/4 Thesis 4

**Part-time Course structure****Year 1, Semester 1**

JSB411 Theories Of Justice 1

JSB412 Literature Review

**Year 1, Semester 2**

JSB405 Justice Organisations

JSB414/1 Thesis 1

**Year 2, Semester 1**

JSB413 Colloquium

JSB414/2 Thesis 2

**Year 2, Semester 2**

JSB414/3 Thesis 3

JSB414/4 Thesis 4

**■ Bachelor of Justice (JS31)****Award title:** Bachelor of Justice**CRICOS code:** 006117E**Location:** Kelvin Grove**Course duration (full-time):** 3 years**Course duration (part-time):** 6 years**Course duration (external):** 6 years**Total credit points:** 288**Standard credit points per semester (full-time):** 48**Standard credit points per semester (part-time):** 24**Course coordinator:** Michael Barnes**Course Requirements**

The course will be offered over 3 years full-time, 6 years part-time and external mode. The course structure consists of 24 units - a total of 288 credit points. Students must complete eight Justice Studies core units (96 credit points) and a primary major comprising six units (72 credit points), to be selected from ONE of three areas of specialisation available in Critical Criminology; Investigations and Policing, and Justice Policy. The remaining ten units (120 credit points) may consist of either a second major of six units (72 credit points) and 4 electives OR 10 elective units selected from the Justice Studies areas of specialisation and electives. Students may enrol in up to four units (48 credit points) offered outside of the School, which may include up to two units (24 credit points) from another institution, subject to prior approval from the course coordinator.

**Course structure****Year 1, Semester 1 (Full-time Course Structure)**

JSB131 Framing Social Justice

JSB132 Professional Skills

JSB133 Law And Government

JSB134 Social Ethics And The Justice System

**Year 1, Semester 2 (Full-time Course Structure)**

JSB135 Unlocking Criminal Justice

JSB136 Forensic Psychology And The Law

JSB137 Politics Of Law

JSB138 Crimes Of Violence

**Year 2, Semester 1 (Full-time Course Structure)**

Select four units (48 cps) from the following

EITHER

Critical Criminology Major

JSB231 Understanding Criminology

JSB232 Youth Justice

Secondary Major/Elective

Secondary Major/Elective

OR

Investigations and Policing Major

JSB241 Introduction To Investigations And Policing

JSB242 Criminal Law In Context

Secondary Major/Elective

Secondary Major/Elective

OR

Justice Policy Major

JSB251 Policy, Governance And Justice

Secondary Major/Elective

Secondary Major/Elective

Elective

**Year 2, Semester 2 (Full-time Course Structure)**

Select four units (48 cps) from the following:

EITHER

Critical Criminology Major

JSB233 Crime And Community Corrections

Secondary Major/Elective

Secondary Major/Elective

Elective

OR

Investigations and Policing Major

JSB243 Intelligence Led Investigations

Secondary Major/Elective

Secondary Major/Elective

Elective

OR

Justice Policy Major

JSB252 Citizenship And Justice

JSB253 Watchdogs: Warriors, Wimps And Witch-Hunts

Secondary Major/Elective

Secondary Major/Elective

**Year 3, Semester 1 (Full-time Course Structure)**

Select four units from the following

EITHER

Critical Criminology Major

JSB331 Prisons As Industry

Secondary Major/Elective

Secondary Major/Elective

Elective

OR

Investigations and Policing Major

JSB341 Investigations, Evidence And Police Powers

Elective

Secondary Major/Elective

Secondary Major/Elective

OR

Justice Policy Major

JSB351 Administrative Justice

JSB352 Indigenous Justice (Not Available 2002)

Secondary Major/Elective

Secondary Major/Elective

**Year 3, Semester 2 (Full-time Course Structure)**

Select four units from the following

Either

Critical Criminology Major

JSB332 Crime Control And Governance

JSB333 Responding To Crime

Secondary Major/Elective

Secondary Major/Elective

OR

Investigations and Policing Major

JSB342 Organised Crime

JSB343 Future Policing Strategies

Secondary Major/Elective

Secondary Major/Elective

OR

Justice Policy Major

JSB353 Global Justice

Secondary Major/Elective

Secondary Major/Elective

Elective

**Electives (Semester 1)**

JSB931 Independent Study

JSB932 Alternative Justice Processes

JSB933 Crime Research Methods

JSB935 Contractual Justice

**Electives (Semester 2)**

JSB931 Independent Study

JSB934 Professional Placement

JSB936 Compensation And Reparation

JSB937 Forensic Scientific Evidence

## ■ Bachelor of Justice (International Policing) (JS91)

**Award title:** Bachelor of Justice (International Policing)

**CRICOS code:** 00213J

**Course duration (external):** 3 Semesters

### Admission

This course is designed for serving officers of the Singapore Police Force only.

## ■ Bachelor of Justice/Bachelor of Laws (LW42)

**Award title:** Bachelor of Justice/Bachelor of Laws

**CRICOS code:** 018380B

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 5 years

**Total credit points:** 528

**Standard credit points per semester (full-time):** 54

**Course coordinator:** Michael Barnes (Justice), Director - Undergraduate Programs (Law)

### Professional Recognition

The QUT Bachelor of Laws course is an approved degree for the purposes of the Solicitors' Admission Rules and Barristers' Admission Rules. Accordingly, it enables graduates to satisfy the academic requirements for admission to practice as a solicitor and/or barrister in all Australian states and territories. The QUT LLB degree qualification is also recognised for admission purposes in West and East Malaysia, Fiji and Papua New Guinea.

### Course structure

#### Year 1, Semester 1

JSB131 Framing Social Justice  
JSB132 Professional Skills  
JSB134 Social Ethics And The Justice System

Introduction to Legal Research  
LWB141 Legal Institutions And Method  
LWB142 Law, Society And Justice

#### Year 1, Semester 2

JSB135 Unlocking Criminal Justice  
JSB136 Forensic Psychology And The Law  
JSB138 Crimes Of Violence  
LWB143 Legal Research And Writing  
LWB144 Laws And Global Perspectives

#### Year 2, Semester 1

LWB136 Contracts A  
Select three units (36 cps) from  
Critical Criminology Major (CCL)

JSB231 Understanding Criminology  
JSB232 Youth Justice  
Elective/Secondary Major unit OR

Investigations and Policing Major (IVP)

JSB241 Introduction To Investigations And Policing  
JSB242 Criminal Law In Context  
Elective/Secondary Major unit OR

Justice Policy Major (JPL)

JSB251 Policy, Governance And Justice  
Elective/Secondary Major unit  
Elective/Secondary Major unit

#### Year 2, Semester 2

LWB137 Contracts B  
Select three units (36 cps) from  
Critical Criminology Major (CCL)

JSB233 Crime And Community Corrections  
Elective/Secondary Major unit  
Elective/Secondary Major unit OR

Investigation and Policing Major (IVP)

JSB243 Intelligence Led Investigations  
Elective/Secondary Major unit  
Elective/Secondary Major unit OR

Justice Policy Major (JPL)

JSB252 Citizenship And Justice  
JSB253 Watchdogs: Warriors, Wimps And Witch-Hunts  
Elective/Secondary Major unit

#### Year 3, Semester 1

LWB138 Fundamentals Of Torts  
Select three units (36 cps) from:

Critical Criminology Major (CCL)

JSB331 Prisons As Industry  
Elective/Secondary Major unit  
Elective/Secondary Major unit OR

Investigation and Policing Major (IVP)

JSB341 Investigations, Evidence And Police Powers  
Elective/Secondary Major unit  
Elective/Secondary Major unit  
OR

Justice Policy Major (JPL)

JSB351 Administrative Justice  
JSB352 Indigenous Justice (Not Available 2002)  
Elective/Secondary Major unit

#### Year 3, Semester 2

LWB139 Select Issues In Torts  
Select Three units (36 cps) from

Critical Criminology Major (CCL)

JSB332 Crime, Control and Governance  
JSB333 Responding To Crime  
Elective/Secondary Major unit OR

Investigation and Policing Major (IVP)

JSB342 Organised Crime  
JSB343 Future Policing Strategies  
Elective/Secondary Major unit OR

Justice Policy Major (JPL)

JSB353 Global Justice  
Elective/Secondary Major unit  
Elective/Secondary Major unit

#### Year 4, Semester 1

LWB231 Introduction To Public Law  
LWB236 Real Property A  
LWB238 Fundamentals Of Criminal Law  
LWB240 Principles Of Equity  
LWB333 Theories Of Law

#### Year 4, Semester 2

LWB235 Australian Federal Constitutional Law  
LWB237 Real Property B  
LWB239 Criminal Responsibility  
LWB241 Trusts  
LWB334 Corporate Law

#### Year 5, Semester 1

LWB332 Commercial And Personal Property Law  
LWB431 Civil Procedure  
LWB432 Evidence  
LWB434 Advanced Research And Legal Reasoning  
Elective unit

#### Year 5, Semester 2

LWB331 Administrative Law  
LWB433 Professional Responsibility  
Elective Unit

## ■ Bachelor of Laws (LW33)

**Award title:** Bachelor of Laws

**CRICOS code:** 003486D

**Location:** Gardens Point and External

**Course duration (full-time):** 4 Years

**Course duration (part-time):** 6 Years

**Course duration (external):** 6 Years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Director, Undergraduate Programs

### Special Entry Requirements

Entry to the distance education (external) mode of the course is restricted to applicants who reside in Australia outside a 30km radius of the Gardens Point Campus. Preference for entry to the distance education course may be given to applicants who have been offered five year articles of clerkship by a solicitor or who are employed by a Magistrates Court or the Justice Department and undertake legal functions in their work.

### Other Course Requirements

It is a requirement that distance education students participate in two three-day attendance schools per year in addition to the

orientation attendance school for commencing students only. The attendance schools are an integral component of the distance education course and are compulsory. When undertaking the course via distance education, it is the students responsibility to ensure they have access to a suitable law library.

### Professional Recognition

The QUT Bachelor of Laws course is an approved degree for the purposes of the Solicitors Admission Rules and Barristers Admission Rules. Accordingly, it enables graduates to satisfy the academic requirements for admission to practise as a solicitor and/or barrister in all Australian states and territories. The QUT LLB degree qualification is also recognised for admission purposes in West and East Malaysia, Fiji and Papua New Guinea.

### Course structure - Full-time Program

#### Year 1, Semester 1

Introduction to Legal Research  
LWB136 Contracts A  
LWB138 Fundamentals Of Torts  
LWB141 Legal Institutions And Method  
LWB142 Law, Society And Justice

#### Year 1, Semester 2

LWB137 Contracts B  
LWB139 Select Issues In Torts  
LWB143 Legal Research And Writing  
LWB144 Laws And Global Perspectives

#### Year 2, Semester 1

LWB231 Introduction To Public Law  
LWB236 Real Property A  
LWB238 Fundamentals Of Criminal Law  
LWB240 Principles Of Equity

#### Year 2, Semester 2

LWB235 Australian Federal Constitutional Law  
LWB237 Real Property B  
LWB239 Criminal Responsibility  
LWB241 Trusts

#### Year 3, Semester 1

LWB332 Commercial And Personal Property Law  
LWB333 Theories Of Law  
Elective Units

#### Year 3, Semester 2

LWB331 Administrative Law  
LWB334 Corporate Law  
Elective Units

#### Year 4, Semester 1

LWB431 Civil Procedure  
LWB432 Evidence  
LWB434 Advanced Research And Legal Reasoning  
Elective Units

#### Year 4, Semester 2

LWB433 Professional Responsibility  
Elective Units

### Course structure - Part-time/External Program

#### Year 1, Semester 1

Introduction to Legal Research  
LWB141 Legal Institutions And Method  
LWB142 Law, Society And Justice

#### Year 1, Semester 2

LWB143 Legal Research And Writing  
LWB144 Laws And Global Perspectives

#### Year 2, Semester 1

LWB136 Contracts A  
LWB138 Fundamentals Of Torts

#### Year 2, Semester 2

LWB137 Contracts B  
LWB139 Select Issues In Torts

#### Year 3, Semester 1

LWB231 Introduction To Public Law  
LWB236 Real Property A  
LWB240 Principles Of Equity

#### Year 3, Semester 2

LWB235 Australian Federal Constitutional Law  
LWB237 Real Property B  
LWB241 Trusts

#### Year 4, Semester 1

LWB238 Fundamentals Of Criminal Law

LWB333 Theories Of Law  
Elective Unit

#### Year 4, Semester 2

LWB239 Criminal Responsibility  
LWB331 Administrative Law  
Elective Units

#### Year 5, Semester 1

LWB332 Commercial And Personal Property Law  
Elective Units

#### Year 5, Semester 2

LWB334 Corporate Law  
Elective Units

#### Year 6, Semester 1

LWB431 Civil Procedure  
LWB434 Advanced Research And Legal Reasoning  
Electives Units

#### Year 6, Semester 2

LWB432 Evidence  
LWB433 Professional Responsibility  
Elective Units

### Course structure - Special Accelerated Full-time Program

#### Year 1, Semester 1

Introduction to Legal Research  
LWB136 Contracts A  
LWB138 Fundamentals Of Torts  
LWB141 Legal Institutions And Method  
LWB142 Law, Society And Justice

#### Year 1, Semester 2

LWB137 Contracts B  
LWB139 Select Issues In Torts  
LWB143 Legal Research And Writing  
LWB144 Laws And Global Perspectives

#### Year 2, Semester 1

LWB231 Introduction To Public Law  
LWB236 Real Property A  
LWB238 Fundamentals Of Criminal Law  
LWB240 Principles Of Equity  
LWB333 Theories Of Law

#### Year 2, Semester 2

LWB235 Australian Federal Constitutional Law  
LWB237 Real Property B  
LWB239 Criminal Responsibility  
LWB241 Trusts  
LWB334 Corporate Law

#### Year 3, Semester 1

LWB332 Commercial And Personal Property Law  
LWB431 Civil Procedure  
LWB432 Evidence  
LWB434 Advanced Research And Legal Reasoning  
Elective Units

#### Year 3, Semester 2

LWB331 Administrative Law  
LWB433 Professional Responsibility  
Elective Units

### Course structure - Special Accelerated Part-time/External Program

#### Year 1, Semester 1

Introduction to Legal Research  
LWB141 Legal Institutions And Method  
LWB142 Law, Society And Justice

#### Year 1, Semester 2

LWB143 Legal Research And Writing  
LWB144 Laws And Global Perspectives

#### Year 2, Semester 1

LWB136 Contracts A  
LWB138 Fundamentals Of Torts  
LWB238 Fundamentals Of Criminal Law

#### Year 2, Semester 2

LWB137 Contracts B  
LWB139 Select Issues In Torts  
LWB239 Criminal Responsibility

#### Year 3, Semester 1

LWB231 Introduction To Public Law  
LWB236 Real Property A  
LWB240 Principles Of Equity

**Year 3, Semester 2**

LWB235 Australian Federal Constitutional Law  
 LWB237 Real Property B  
 LWB241 Trusts

**Year 4, Semester 1**

LWB332 Commercial And Personal Property Law  
 LWB333 Theories Of Law  
 Electives

**Year 4, Semester 2**

LWB331 Administrative Law  
 LWB334 Corporate Law  
 Elective Units

**Year 5, Semester 1**

LWB431 Civil Procedure  
 LWB434 Advanced Research And Legal Reasoning  
 Elective Units

**Year 5, Semester 2**

LWB432 Evidence  
 LWB433 Professional Responsibility  
 Elective Units

**Course structure - Full-time Program - Mid-year Entry****Year 1, Semester 2**

Introduction to Legal Research  
 LWB136 Contracts A  
 LWB138 Fundamentals Of Torts  
 LWB141 Legal Institutions And Method  
 LWB143 Legal Research And Writing

**Year 1, Summer Program**

LWB137 Contracts B  
 LWB139 Select Issues In Torts

**Year 2, Semester 1**

LWB142 Law, Society And Justice  
 LWB236 Real Property A  
 LWB238 Fundamentals Of Criminal Law  
 LWB240 Principles Of Equity

**Year 2, Semester 2**

LWB144 Laws And Global Perspectives  
 LWB237 Real Property B  
 LWB239 Criminal Responsibility  
 LWB241 Trusts

**Year 3, Semester 1**

LWB231 Introduction To Public Law  
 LWB332 Commercial And Personal Property Law  
 LWB333 Theories Of Law  
 Elective Unit

**Year 3, Semester 2**

LWB235 Australian Federal Constitutional Law  
 LWB331 Administrative Law  
 LWB334 Corporate Law  
 Elective Units

**Year 4, Semester 1**

LWB431 Civil Procedure  
 LWB432 Evidence  
 LWB434 Advanced Research And Legal Reasoning  
 Elective Units

**Year 4, Semester 2**

LWB433 Professional Responsibility  
 Elective Units

**Course structure - Part-time/External Program - Mid-year Entry****Year 1, Semester 2**

Introduction to Legal Research  
 LWB141 Legal Institutions And Method  
 LWB143 Legal Research And Writing

**Year 2, Semester 1**

LWB136 Contracts A  
 LWB142 Law, Society And Justice

**Year 2, Semester 2**

LWB137 Contracts B  
 LWB144 Laws And Global Perspectives

**Year 3, Semester 1**

LWB138 Fundamentals Of Torts  
 LWB238 Fundamentals Of Criminal Law

**Year 3, Semester 2**

LWB139 Select Issues In Torts  
 LWB239 Criminal Responsibility  
 Elective Unit

**Year 4, Semester 1**

LWB231 Introduction To Public Law  
 LWB236 Real Property A  
 LWB240 Principles Of Equity

**Year 4, Semester 2**

LWB235 Australian Federal Constitutional Law  
 LWB237 Real Property B  
 LWB241 Trusts

**Year 5, Semester 1**

LWB332 Commercial And Personal Property Law  
 LWB333 Theories Of Law  
 Elective Units

**Year 5, Semester 2**

LWB331 Administrative Law  
 LWB334 Corporate Law  
 Elective Unit

**Year 6, Semester 1**

LWB431 Civil Procedure  
 LWB434 Advanced Research And Legal Reasoning  
 Elective Units

**Year 6, Semester 2**

LWB432 Evidence  
 LWB433 Professional Responsibility  
 Elective Units

**Year 7, Semester 1**

Elective Units

**Course structure - Special Accelerated Full-time Program- Mid-year Entry****Year 1, Semester 1**

Introduction to Legal Research  
 LWB136 Contracts A  
 LWB138 Fundamentals Of Torts  
 LWB141 Legal Institutions And Method  
 LWB143 Legal Research And Writing

**Year 1, Summer Program**

LWB137 Contracts B  
 LWB139 Select Issues In Torts

**Year 2, Semester 1**

LWB142 Law, Society And Justice  
 LWB231 Introduction To Public Law  
 LWB236 Real Property A  
 LWB238 Fundamentals Of Criminal Law  
 LWB240 Principles Of Equity

**Year 2, Semester 2**

LWB144 Laws And Global Perspectives  
 LWB235 Australian Federal Constitutional Law  
 LWB237 Real Property B  
 LWB239 Criminal Responsibility  
 LWB241 Trusts

**Year 3, Semester 1**

LWB332 Commercial And Personal Property Law  
 LWB333 Theories Of Law  
 LWB431 Civil Procedure  
 LWB432 Evidence  
 Elective Units

**Year 3, Semester 2**

LWB331 Administrative Law  
 LWB334 Corporate Law  
 LWB433 Professional Responsibility  
 Elective Unit

**Year 4, Semester 1**

LWB434 Advanced Research And Legal Reasoning  
 Elective Units

**Course structure - Special Accelerated Part-time/External Program - Mid-year Entry****Year 1, Semester 2**

Introduction to Legal Research  
 LWB141 Legal Institutions And Method  
 LWB143 Legal Research And Writing

**Year 2, Semester 1**

LWB136 Contracts A  
 LWB138 Fundamentals Of Torts  
 LWB142 Law, Society And Justice

**Year 2, Semester 2**

LWB137 Contracts B  
 LWB139 Select Issues In Torts  
 LWB144 Laws And Global Perspectives

**Year 3, Semester 1**

LWB231 Introduction To Public Law  
LWB236 Real Property A  
LWB240 Principles Of Equity

**Year 3, Semester 2**

LWB235 Australian Federal Constitutional Law  
LWB237 Real Property B  
LWB241 Trusts

**Year 4, Semester 1**

LWB238 Fundamentals Of Criminal Law  
LWB332 Commercial And Personal Property Law  
LWB333 Theories Of Law

**Year 4, Semester 2**

LWB239 Criminal Responsibility  
LWB331 Administrative Law  
LWB334 Corporate Law

**Year 5, Semester 1**

LWB431 Civil Procedure  
LWB434 Advanced Research And Legal Reasoning  
Elective Unit

**Year 5, Semester 2**

LWB432 Evidence  
LWB433 Professional Responsibility  
Elective Unit

**Year 6, Semester 1**

Elective Unit



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# Science

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## OVERVIEW

The Faculty of Science seeks to provide graduates with interesting and rewarding careers.

Fully equipped scientific and computing laboratories and state-of-the-art lecture theatres assist in the practical delivery of innovative teaching programs.

The Dean's Scholars Accelerated Honours Program for high achieving students fast tracks science studies while workplace learning links with industry provide students with the opportunity to earn a salary while progressing through their degree.

Double degree options are available as part of a flexible program of academic studies.

The Faculty offers a range of courses within its four multi-disciplinary schools: School of Life Sciences, School of Mathematical Sciences, School of Natural Resource Sciences and School of Physical and Chemical Sciences.

Science education in the Faculty is further enriched by a number of research programs which come under the control of a Science Research Area.

The School of Life Sciences covers anatomy, biotechnology, biochemistry, haematology, histopathology, immunology, microbiology, molecular biology and physiology. The School also offers courses in biotechnology innovation and medical science.

The School of Mathematical Sciences offers studies in applied mathematics, mathematical finance, applied statistics, scientific computation and visualisation, and operations research. There is an emphasis on the applications of mathematics and many of the units are enriched by examples from business and industry.

The School of Natural Resource Sciences offers major studies in environmental science, ecology and geoscience, complemented with the comajors in biodiversity, and applied geology.

Environmental Science is offered at the Carseldine campus as well as at Gardens Point.

The School of Physical and Chemical Sciences offers majors in both Physics and Chemistry with comajors in astrophysics, medical and health physics, forensic science and industrial chemistry. The School also offers courses in medical imaging technology and radiotherapy technology, leading to careers in diagnostic and therapeutic radiography.

For information about the Faculty of Science visit:  
<http://www.sci.qut.edu.au/>

Email: [sci-enquiries@qut.edu.au](mailto:sci-enquiries@qut.edu.au)  
Telephone +61 7 3864 2152.

## SENIOR STAFF

### Faculty Office

*Dean:* Professor G. George, BSc(Hons) PhD *Qld*, CChem, FRACI

*Director of Research:* Professor J.L. Dale, BScAgr PhD *Syd*

*Director of Postgraduate Studies:* Associate Professor P.M. Fredericks, BSc(Hons) DPhil *Sus.*, CChem, FRACI

*Director of Academic Programs:* A.T. Grenfell, BSc(Hons) DipEd PhD *Qld*

*Faculty Operations Manager:* P. Campbell, AssocDip ClinLabTech AssocDip ElecEng *QIT*

### School of Life Sciences

*Head:* Professor A.C. Herington, BSc(Hons) PhD *Monash*

*Professor:* J.A. Clements, BAppSc MAppSc *MIT*, PhD *Monash*

*Associate Professors:*

R.M. Harding, BSc(Hons), PhD *Qld*

C.P. Morris, BSc(Hons) PhD *Adel.*

P. Timms, MSc PhD *Qld*, FASM

### School of Mathematical Sciences

*Head:* Professor A.N. Pettitt, BSc(Hons) MSc PhD *Nott.*, FSS, MSSAI

*Professor:* D.L.S. McElwain, BSc(Hons) *Qld*, PhD *York (Canada)*

*Associate Professors:*

V.V. Anh, BSc(Hons) PhD *Tas.*, MEc NE, FAustMS, MSSAI, MIEEE

E.Kozan, BSc, MSc Middle East, PhD Hacettepe, MASOR

H. MacGillivray, BSc(Hons) PhD *Qld*, MSSAI

### School of Natural Resource Sciences

*Head of School:* Associate Professor D.A. Gust, BA Lawrence, MA Rice, PhD *ANU*

*Associate Professors:*

P. B. Mather, BSc(Hons) PhD *Lot*

### School of Physical and Chemical Sciences

*Head:* Professor J.M. Pope, BSc(Hons) MSc *Brist.*, DPhil *Sus.*, FAIP

*Associate Professors:*

P.M. Fredericks, BSc(Hons) DPhil *Sus.*, CChem, FRACI

L. Morawska, MSc(Physics) PhD(Physics) *Jagiellonian*

B.J. Thomas, BSc(Hons) PhD *W.Aust.*, MAIP, FACPSEM

R.L.W. Frost, BEd MSc PhD *Qld*

## RESEARCH CENTRES

### Cooperative Research Centre for Diagnostics

Phone: +61 7 3864 1296

The CRC for Diagnostics based at QUT is a cooperative venture between research organisations (QUT, LaTrobe University, CSIRO and Child Health Research Institute) and commercial companies (PANBIO Ltd and Queensland Medical Laboratory). Centre participants are located in Queensland, Victoria and South Australia. Through effective technology transfer, outcomes will be reduced health care costs through the better targeting of therapeutics, earlier diagnosis and exploitation of genomics and proteomics information to allow greater specificity in diagnosis and treatment of an individual. Achievements to date include the multi-million dollar sale of a DNA detection method to Affymetrix (a large US biotechnology company) and the formation in 2002 of a new company, Evogenix, based in Melbourne. Other achievements include numerous patented DNA detection methods and diagnostic kits. Originally formed as the CRC for Diagnostic Technologies in 1995, this \$80 million centre was re-funded as a new centre in 2001 and is jointly funded by the participants and the Commonwealth and State Governments.

### Research Programs

- Protein profiling: discovery of new target molecules using array technologies
- High Affinity Reagents: identification of novel reagents and platforms for library construction
- Single Nucleotide Polymorphism (SNP) detection technologies
- Infectious Disease Diagnostics
- Homogenous Reporter Systems for one-step diagnostic assays
- Chromophores and Flow Analysis chromophores for multi-parameter analysis and monitoring of genomic instability
- Point-Of-Care Nucleic Acid Test to integrate sample extraction, amplification and detection in a single assay

### Research Programs

#### Plant Biotechnology

Program Leader: Professor James Dale

Phone: +61 7 3864 2557



***Biological Systems Research***

Program Leader: Dr John Wilson

Phone: +61 7 3864 2447

***Quaternary Earth and Water Systems (QEWS)***

Program Leader: Dr Mal Cox

Phone: +61 7 3864 1649

***Tissue BioRegeneration and Integration***

Program Leader: Professor Graeme George

Phone: +61 7 3864 2205

***Inorganic Materials***

Program Leader: Associate Professor Ray Frost

Phone: +61 7 3864 2407

***Medical Physics***

Program Leader: Associate Professor Brian J Thomas

Phone: +61 7 3864 2586

## ■ Master of Applied Science (SC80)

**Award title:** Master of Applied Science

**CRICOS code:** 014020C

**Location:** Gardens Point

**Course duration (full-time):** 2 years

**Course duration (part-time):** 4 years

**Total credit points:** 192

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Assoc Prof Peter Fredericks

**Discipline coordinator:** Dr John Bartley (Chemistry); Dr Terry Walsh (Life Science); Assoc Prof Vo Anh (Mathematics); Assoc Prof David Gust (Natural Resource Sciences); Assoc Prof Brian J Thomas (Physics)

### 1. General Conditions

1.1 The Council of the Queensland University of Technology was established in 1989 under the Queensland University of Technology Act 1988.

1.2 The Council's power to approve recommendations from faculty academic boards regarding the registration, supervision and examination of research degree candidates and to develop policy and procedure relating to research degrees is exercised through a Research Management Committee which shall be a subcommittee of University Academic Board.

1.3 Research Management Committee has delegated responsibility for day-to-day administration of research masters degree courses to faculty academic boards. Academic boards shall report semiannually to the Research

Management Committee on progress made by research masters degree candidates.

1.4 Unless the context otherwise indicates or requires, the words academic board and faculty shall refer to the faculty in which the candidate registers.

1.5 In order to qualify for the award of the degree of Master of Applied Science, a candidate must:

- have completed the approved course of study under the supervision prescribed by the Academic Board
- have submitted, and the Academic Board have accepted, a thesis prepared under the supervision of the supervisor
- have completed any other work prescribed by the Academic Board, and submit to the Academic Board a declaration signed by the candidate that he/she has not been a candidate for another tertiary award without permission of the Academic Board during the term of enrolment.

### 2. Registration

2.1 Applications shall be accepted subject to the availability of facilities and supervision.

2.2 Applications may be lodged with the Registrar at any time.

2.3 The minimum academic qualifications for admission to a program leading to a Master of Applied Science shall be:

- possession of a bachelor degree in applied science from the Queensland University of Technology, or
- possession of an equivalent qualification, or
- submission of such other evidence of qualifications as will satisfy the Academic Board that the applicant possesses the capacity to pursue the course of study.

2.4 Additional requirements for admission to a particular program may be laid down by the Academic Board.

2.5 In considering an applicant for registration the Academic Board shall, in addition to assessing the applicants suitability, assess the proposed program and its relevance to the aims and objectives of the University.

2.6 A candidate may register either as a full-time or as a part-time student.

2.6.1 To be registered as a full-time student, a candidate must be able to commit to the course not less than three-quarters of a normal working week, averaged over each year of candidacy. Such a student may not devote more than 300 hours annually to teaching activities, including preparation and marking.

2.6.2 A candidate who is unable to devote to the course the proportion of time specified in section 2.6.1 may register as a part-time student.

2.7 A candidate may be internal or external. An external candidate is one whose program of research and investigation is based at a place of employment or sponsoring institution. Normally, support of the sponsoring institution for the candidates application is required for a registration.

2.8 The Academic Board may cancel a candidates registration if, after consulting a candidates supervisors and having taken account of all relevant circumstances, the Academic Board is of the opinion that the candidate either has effectively discontinued his/her studies or has no reasonable expectation of completing the course of study within the maximum time allowed (see section 4).

2.9 A candidate whose registration has lapsed or has been cancelled and who wishes subsequently to re-enter the course to undertake a program which is the same or essentially the same as the previous program may be re-admitted under such conditions as the Academic Board may prescribe.

### 3. Course of Study

3.1 A candidate for the degree of Master of Applied Science shall undertake a program of research and investigation on a topic approved by the Academic Board. All projects should be sponsored either by outside agencies such as industry, government authorities, or professional organisations, or by the University itself.

3.2 The program must be such as to enable the candidate to develop and demonstrate a level of scientific competence significantly higher than that expected of a first degree graduate. The required competence normally would include mastery of relevant techniques, investigatory skills, critical thinking, and a high level of knowledge in the specialist area.

3.3 The program includes both coursework and research.

The coursework is a program of up to 64 credit points as defined in sections 3.5 and 3.6 as appropriate for each candidate.

The research component is a program of supervised research and investigation of at least 128 credit points as described in 3.1 and 3.2.

3.4 The students progress will be monitored continually throughout the first 96 credit points of the course. Where the School Research Committee, on the advice of the supervisors, is of the opinion that progress is not satisfactory, the student will be advised to consider transferring his/her enrolment to the SC71 Graduate Diploma in Applied Science course.

3.5 Coursework at masters level may be conducted in a number of ways such as:

- advanced lecture courses
- seminars in which faculty and students present critical studies of selected problems within the subject field
- independent study or reading courses

In all cases, coursework is based upon a formal syllabus setting out the educational outcomes expected from the course, a list of topics to be covered, the prescribed reading material and the method of assessment of progress through and at the end of the course.

3.6 A candidate shall be required to participate in and present seminars as considered appropriate by the Principal Supervisor. The candidate shall be notified of minimum attendance requirements at the time of acceptance of enrolments.

3.7 Students entering the course with an Honours degree or its equivalent or candidates with substantial relevant work experience normally gain exemptions to a maximum of 96 credit points at the discretion of the Academic Board on the recommendation of the Head of School.

3.8 Students entering the course with a Graduate Diploma may gain exemption to a maximum of 96 credit points at the discretion of the Academic Board on the recommendation of the Head of School.

3.9 An application for registration should set out the candidates intended course of study in broad outline but with specific objectives for the first year. The description should include the area of study within which the candidates course lies, the coursework to be undertaken and the proposed title of the thesis to be written.

At an appropriate time during the first year of full-time study or its equivalent the candidate must document and have approved by Academic Board on the recommendation of the Head of School a detailed course of study for the entire program. This description must include in addition to the proposed thesis title, the aim of the proposed program of research and investigation, its background, the significance and possible application of the research program, and the research plan.

#### 4. Period of Time for Completion of Course of Study

4.1 A full-time candidate who does not hold an Honours degree appropriate to the course of study will normally be required to complete both course and research work, including submission of the thesis for examination during a period of registration of 24 months. The corresponding period in the case of a part-time candidate shall be 48 months. In special cases the Academic Board may approve a shorter period.

4.2 A holder of an Honours degree or its equivalent appropriate to the course of study may submit the thesis for examination after not less than 12 months of registration if a full-time student, or 24 months if a part-time student. In special cases the Academic Board may approve a shorter period.

4.3 Where application is made for permission to extend the period within which the candidate may submit a thesis for examination, details of the candidates progress shall be presented to the Academic Board together with the reasons for the delay in completing the work and the expected date of completion. Where the Academic Board agrees to an extension, it may set a limit to the maximum period of registration in the program.

#### 5. Transfer of Registration

5.1 Where a candidate has undertaken part of a proposed course of study as a registered student in another institution, this period of registration may, on application in writing to the Academic Board at the time of application for registration, be counted towards the candidates period of registration in the QUT course. The application must include details of the work already undertaken, the reasons for the transfer and the expected date of completion.

5.2 Applications for transfer normally should be submitted at least 12 months in advance of the probable date of submission of the thesis.

#### 6. Supervision

6.1 For each candidate the Academic Board shall appoint one or more supervisors with appropriate experience provided that, where more than one supervisor is appointed, one shall be nominated as the Principal Supervisor and the others as Associate Supervisors.

6.2 In the case of an internal student, the Principal Supervisor normally shall be from the academic staff of the school where the student carries out the work.

6.3 In the case of an external student, the Principal Supervisor normally shall be from the academic staff of the school

supporting the work and at least one Associate Supervisor shall be from the sponsoring organisation.

6.4 At the end of each six-month period a student shall submit a report on the work undertaken to the Principal Supervisor and the Principal Supervisor shall submit a report to the Academic Board on the students work. This report shall be seen by the candidate before submission to the Academic Board.

#### 7. Place and Conditions of Work

7.1 The research program is carried out under supervision in a suitable environment normally in Australia.

7.2 The Academic Board shall not admit a candidate to undertake a program of research based at the University unless it has received a statement from the Head of School in which the study is proposed that, in their opinion, the applicant is a fit person to undertake a research program leading to the masters degree, that the program is supported, and that the school/centre is willing to undertake the responsibility of supervising the applicants work.

7.3 The Academic Board shall not admit a candidate to undertake a research program based at a sponsoring establishment unless it has received:

- a statement from the employer or director of the sponsoring institution that the applicant will be provided with facilities to undertake the research project and that they are willing to accept responsibility for supervising the applicants work, and
- a statement from the Head of School or the Director of the Centre in which the study is proposed that, in their opinion, the applicant is a fit person to undertake a research program leading to the masters degree, that the program is supported, and that after examination of the proposed external facilities and supervision, the school is willing to accept the responsibility of supervising the work.

#### 8. Thesis

8.1 In the form of presentation, availability and copyright, the thesis shall comply with the provisions of the document Requirements for Presenting Theses.

8.2 The candidates application for registration should set out the intended course of study in broad outline but with specific objectives for the first year. The description should include the area of study within which the candidates course lies, the coursework to be undertaken and the proposed title of the thesis to be written.

At an appropriate time during the first year of full-time study or its equivalent the candidate must document and have approved by Academic Board on the recommendation of the relevant Head of School a detailed course of study for the entire program. This description must include in addition to the proposed thesis title, the aim of the proposed program of research and investigation, its background, the significance and possible application of the research program, and the research plan.

The candidate shall give two months notice of intention to submit the thesis. Such notice shall be accompanied by the appropriate fee, if any.

8.3 The thesis shall comply with the following requirements:

- a significant portion of the work described must have been carried out subsequent to initial registration for the degree.
- it must describe a program of work carried out by the candidate, and must involve either an original contribution to knowledge or an original application of existing knowledge.
- it must reach a satisfactory standard of literary presentation.
- it shall be the candidates own account of the work. Where work is carried out jointly with other persons, the Academic Board shall be advised of the extent of the candidates contribution to the joint work.
- the thesis shall not contain as its main content any work or material which the student has previously submitted for another degree or similar award.

- supporting documents, such as published papers, may be submitted with the thesis if they have a bearing on the subject of the thesis.
- the thesis shall contain an abstract of not more than 300 words.

8.4 Except with the specific permission of the Academic Board, the thesis must be presented in the English language. Such permission must be sought at the time of application for registration, and will not be granted solely on the grounds that the candidates ability to satisfy the examiners will be affected adversely by the requirement to present the thesis in English.

8.5 Subject to QUT's Intellectual Property policy, the copyright of the thesis is vested in the candidate.

8.6 Where a candidate or the sponsoring establishment wishes the thesis to remain confidential for a period of time after completion of the work, application for approval must be made to the Academic Board when the thesis is submitted. The period of confidentiality normally shall not exceed two years from the date on which the examiners recommend acceptance of the thesis, during which time the thesis will be held on restricted access in the QUT Library.

### 9. Examination of Thesis

9.1 The Academic Board shall appoint at least two examiners, of whom at least one shall be from outside the University. Normally examiners will be required to agree to read and report upon the thesis within two months of its receipt.

9.2 A candidate may be required to make an oral defence of the thesis.

9.3 On receipt of satisfactory reports from the examiners, and when the provisions of 7.1 have been fulfilled, the Academic Board shall recommend to University Academic Board that the candidate be awarded the degree.

9.4 If the examiners reports are conflicting, the Academic Board may, after appropriate consultation with the Principal Supervisor, seek advice from a further external examiner.

9.5 If, on the basis of the examiners reports, the Academic Board does not recommend that the degree be awarded, then it shall:

- permit the student to resubmit the thesis within one year for re-examination, or
- cancel the students registration.

If a candidate is required to revise and resubmit a thesis, the examiners reports will be made available to the candidate, the anonymity of the examiners being maintained.

9.6 After the examination process is complete, examiners reports are to be made available to the candidate on request. The names of examiners will be released on request providing the examiner has indicated willingness to have his/her identity revealed to the candidate.

### Coursework

The unit IFN001 Advanced Information Retrieval Skills (4 credit points) should normally be included.

The coursework units for individual strands are as follows. All the units shown are units designed for this course. Selections from other courses may be approved.

#### Course structure - Chemistry Strand

PCN701 Topics in Advanced Chemistry 1

PCN705 Research Methodology

PCN801 Topics In Advanced Chemistry 2

Select two of the following Electives Units:

PCN710 Chemical Instrumentation

PCN720 Chemometrics

PCN730 Advanced Physical Methods in Chemistry

PCN740 Laboratory Techniques for Preparative Chemistry

#### Course structure - Ecology, Environmental Science & Geoscience Strands

##### Essential units:

NRN100 Readings in Natural Resource Sciences 1

NRN102 Seminars in Natural Resource Sciences 1

NRN103 Seminars in Natural Resource Sciences 2

Select up to two of the following units if required:

NRN101 Readings in Natural Resource Sciences 2

NRN104 Advanced Topics in Natural Resource Sciences 1

NRN105 Advanced Topics in Natural Resource Sciences 2

#### Course structure - Life Science Strand

LSN011 Research Seminars in Life Science 1

LSN013 Readings in Life Science 3

LSN023 Research Seminars in Life Science 3

#### Course structure - Physics Strand

PCN715 Advanced Topics in Physics 1

PCN716 Advanced Topics In Physics 2

and/or alternative unit(s) approved by the Physics coordinator

### Research Work

The Research Work component of the degree must constitute at least 128 credit points.

#### Full-time Students

The minimum number of credit points per semester for full-time status is 36. The standard number is 48. At the end of each semester a grade of T - Assessment Continues will be awarded in any IFNXXX units provided satisfactory progress is being maintained. A final grade (S - Satisfactory or U - Unsatisfactory) will be awarded once the thesis has been examined according to the degree rules.

#### Full-time Course Structure

Full-time students undertaking research but no coursework units enrol in IFN100 Full-time Masters Research

Full-time students who are required to undertake coursework units in addition to their research as part of their masters enrolment should enrol in a combination of the following units totalling (in combination with the coursework unit/s) as close as possible to 48 credit points per semester:

IFN300 Masters Research (36 credit points)

IFN301 Masters Research (24 credit points)

IFN302 Masters Research (12 credit points)

IFN303 Masters Research (8 credit points)

IFN304 Masters Research (6 credit points)

#### Part-time Students

The maximum number of credit points per semester for part-time status is 36. The standard number is 24. At the end of each semester a grade of T - Assessment Continues will be awarded in any IFNXXX units provided satisfactory progress is being maintained. A final grade (S - Satisfactory or U - Unsatisfactory) will be awarded once the thesis has been examined according to degree rules.

#### Part-time Course Structure

Part-time students undertaking research but no coursework units enrol in IFN200 Part-time Masters Research

Part-time students who are required to undertake coursework units in addition to their research as part of their masters enrolment should enrol in a combination of the following units totalling (in combination with the coursework unit/s) as close as possible to 24 credit points:

IFN302 Masters Research (12 credit points)

IFN303 Masters Research (8 credit points)

IFN304 Masters Research (6 credit points)

## ■ Master of Applied Science (Life Science) (LS80)

**Award title:** Master of Applied Science (Life Science)

**CRICOS code:** 018479B

**Location:** Gardens Point

**Course duration (full-time):** 1.5 years

**Course duration (part-time):** 3 years

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Mark O'Brien

### Special Entry Requirements

Master of Life Science Research Project Component

Students must discuss research project areas prior to enrolment in this course to select both a suitable project and a project supervisor(s) prior to entry (or as soon as possible thereafter). While the School of Life Sciences has a wide range of research project areas available, it may not always be possible for students

to conduct a research project exactly in the area they desire. Part-time students may also elect to do a research project at their place of work, with both a workplace supervisor and a QUT supervisor. Alternative options are available.

If students do not undertake a research project, additional coursework must be completed. Students will need to consult with the course coordinator in selecting additional coursework units. Please contact the course coordinator for further information and assistance in this regard.

### Professional Recognition

Graduates are eligible to join the Australian Biotechnology Association, the Australian Society for Biochemistry and Molecular Biology, and the Australian Society for Microbiology.

### Course Design

The program of study for an individual student will be decided in consultation with the course coordinator and will take into account the student's background and area of interest in biotechnology.

The course consists of two stages: Stage 1 (Graduate Diploma in Biotechnology - LS70) comprises 96 credit points of assessed coursework in medical, plant and/or general biotechnology; in Stage 2 (Master of Applied Science {Life Science} - LS80) students undertake a supervised research project either at QUT or in the workplace.

Students can graduate with a Graduate Diploma in Biotechnology after successfully completing Stage 1.

Students commencing in July enrol in semester two units first.

Credit will not be given for any units already taken within an undergraduate degree, as students are expected to undertake a program of study that extends the coursework studied within an undergraduate degree.

### Course structure - Full-time

#### Year 1, Semester 1

LSP127 Business Aspects of Biotechnology

Either

LSB509 Medical Biotechnology 1

Or

LSB577 Plant Biotechnology 1

In consultation with the course coordinator, choose 24 credit points from the following units:

LSB537 Genetic Engineering

LSB509 Medical Biotechnology 1

LSB577 Plant Biotechnology 1

LSB850 Research Strategies

JSN014 Law, Justice And New Genetic Technologies

HHB270 Gene Technology And Ethics

GSN408 Fundamentals of Marketing Management

GSN418 Marketing Strategy Development

Students who qualify for an exemption from LSB509 or LSB577 on the basis of undergraduate studies are required to undertake an additional unit from the list above.

#### Year 1, Semester 2

MGN428 Managing New Businesses

Either

LSB609 Medical Biotechnology 2

Or

LSB677 Plant Biotechnology 2

In consultation with the course coordinator, choose 24 credit points from the following units:

LSB619 Genomics

LSB609 Medical Biotechnology 2

LSB677 Plant Biotechnology 2

LSB850 Research Strategies

LSB607 Protein Purification

BSB311 Research, Development And Commercialisation Strategies

MGN409 Introduction To Management

GSN408 Fundamentals of Marketing Management

GSN418 Marketing Strategy Development

Students who qualify for an exemption from LSB609 or LSB677 on the basis of undergraduate studies are required to undertake an additional unit from the list above.

### Year 2, Semester 1

LSN710 Project

Please note: Students who will NOT be undertaking a research project choose 48 credit points from the following units in consultation with the course coordinator.

LSB509 Medical Biotechnology 1

LSB577 Plant Biotechnology 1

LSB537 Genetic Engineering

LSB850 Research Strategies

LSN160 Epidemiology for Life Scientists

HHB270 Gene Technology And Ethics

IBN408 Global Business Operations

MAB523 Introduction to Quality Management

GSN408 Fundamentals of Marketing Management

GSN418 Marketing Strategy Development

Students who qualify for an exemption from LSB509 or LSB577 on the basis of undergraduate studies are required to undertake an additional unit from the list above.

### Course structure - Part-time

#### Year 1, Semester 1

LSP127 Business Aspects of Biotechnology

Either

LSB509 Medical Biotechnology 1

Or

LSB577 Plant Biotechnology 1

#### Year 1, Semester 2

MGN428 Managing New Businesses

Either

LSB609 Medical Biotechnology 2

Or

LSB677 Plant Biotechnology 2

#### Year 2, Semester 1

In consultation with the course coordinator, select 24 credit points under Year 1 Semester 1 in the above full-time course

#### Year 2, Semester 2

In consultation with the course coordinator, select 24 credit points under Year 1 Semester 2 in the above full-time course

#### Year 3, Semester 1

LSN711 Project 1

For those students who will not be undertaking a research project, in consultation with the course coordinator, select 24 credit points under Year 1 Semester 1 in the above full-time course

#### Year 3, Semester 2

LSN712 Project 2

For those students who will not be undertaking a research project, in consultation with the course coordinator, select 24 credit points under Year 1 Semester 2 in the above full-time course

## ■ Master of Applied Science (Medical Physics) (PH80)

**Award title:** Master of Applied Science (Medical Physics)

**CRICOS code:** 003473J

**Location:** Gardens Point

**Course duration (full-time):** 1.5 Years

**Course duration (part-time):** 3 Years

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Assoc Prof Brian J Thomas

**Discipline coordinator:** Dr Greg Michael

### Other Majors

See also the separate entry for the following major in this course: Master of Applied Science (Medical Ultrasound).

### Course Design

This degree consists of two stages. Stage 1 (Graduate Diploma - PH71) comprises assessed coursework such as advanced lectures, seminars, reading courses or independent study. If undertaken full-time, students will need an average of 14 hours a week of formal contact.

In Stage 2 (Master of Applied Science - PH80) students undertake a program of supervised research and investigation that can be completed at QUT, or in a suitable external institution.

Students can graduate with a Graduate Diploma in Medical Physics after satisfactory completion of Stage 1.

### Course structure

#### STAGE 1

To complete Stage 1, students must complete units from the list below, totalling 96 credit points:

##### First Semester

LSB142	Human Anatomy and Physiology
PCN113	Radiation Physics
PCN114	Microprocessors and Instrumentation
PCN211	Physics of Medical Imaging

##### Second Semester

PCN112	Medical Imaging Science
PCN212	Radiotherapy Physics
PCN214	Health and Occupational Physics
PCN218	Research Methodology and Professional Studies

#### STAGE 2

##### Project Over One Semester or Summer Program

PCN520	Project (FT)
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##### Project Over Two Semesters

PCN540	Project (PT)
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Note: A student may request an extension of time in which to submit the project report for assessment. A request for an extension of time up to a maximum of six months shall be made in writing through the Head of School to the Dean. Any request for a further extension, or any request for an extension to a date later than six months after the original due date, shall be made in writing to the Academic Board. The Academic Board may grant the extension under such conditions as it may consider appropriate, or may award the student a "Fail" result in the project unit. A student who has received a "Fail" result in the project unit may re-enrol in the unit only in exceptional circumstances and with the express permission of the Academic Board.

## ■ Master of Applied Science (Medical Ultrasound) (PH80)

**Award title:** Master of Applied Science (Medical Ultrasound)

**Location:** Gardens Point

**Course duration (part-time):** 3 years

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Assoc Prof Brian Thomas

**Discipline coordinator:** Dr Lucia Pemble

### Other Majors

See also the separate entry for the following major in this course: Master of Applied Science (Medical Physics).

### Professional Recognition

This course is accredited with the Australasian Sonographer Accreditation Registry (ASAR).

### Course Design

This degree consists of two stages. Stage 1 (Graduate Diploma - PH71) takes four semesters of part-time study to complete. Students must show that they have access to suitable clinical experience for the duration of Stage 1 before beginning the degree. Lectures are conducted in intensive four to five week "blocks" in each semester. Students undertake clinical experience throughout the semester.

Stage 2 (Master of Applied Science - PH80) involves completion of a research project and submission of a thesis. Students can undertake this project externally under QUT staff supervision on appointment of a suitable external supervisor. This stage takes two semesters part-time to complete after successful completion of Stage 1.

### Course structure

#### STAGE 1

Students must complete the units listed below (total 96 credit points)

##### Semester 1

PCN159	Ultrasonic Examination 1
PCN162	Principles of Medical Ultrasound
PCN197	Clinical Attachment 1

##### Semester 2

PCN197	Clinical Attachment 1
PCN356	Ultrasonic Examinations 2

##### Semester 3

PCN297	Clinical Attachment 2
PCN355	Vascular Ultrasound
PCN357	Advanced Ultrasound Topics

##### Semester 4

PCN218	Research Methodology and Professional Studies
PCN297	Clinical Attachment 2

Note: The PCN197 and PCN297 clinical attachment units are 2 semester units

#### STAGE 2:

##### Project Over One Semester or Summer Program

PCN520	Project (FT)
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##### Project Over Two Semesters

PCN540	Project (PT)
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Note: A student may request an extension of time in which to submit the project report for assessment. A request for an extension of time up to a maximum of six months shall be made in writing through the Head of School to the Dean. Any request for a further extension, or any request for an extension to a date later than six months after the original due date, shall be made in writing to the Academic Board. The Academic Board may grant the extension under such conditions as it may consider appropriate, or may award the student a "Fail" result in the project unit. A student who has received a "Fail" result in the project unit may re-enrol in the unit only in exceptional circumstances and with the express permission of the Academic Board.

## ■ Master of Cardiac Ultrasound (PH85)

**Award title:** Master of Cardiac Ultrasound

**Location:** Gardens Point

**Course duration (part-time):** 3 years

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Bonita Anderson

### Professional Recognition

This course is accredited with the Australasian Sonographer Accreditation Registry (ASAR).

### Course Structure

This course consists of two stages. Stage 1 (Graduate Diploma in Cardiac Ultrasound - PH75) takes two years of part-time study to complete. Students must be employed in a suitable clinical practice with adequate access to clinical cardiac ultrasound experience for the duration of the course. If students are not based in Brisbane, this structure allows attendance by offering the formal classroom component in an intensive one-week block in each semester.

Stage 2 (Master of Cardiac Ultrasound - PH85) involves the completion of a research project and submission of a thesis. Students can undertake this project internally at QUT, or externally under QUT staff supervision and the guidance of a suitable external supervisor. This stage would normally take one year part-time to complete.

### Course structure

#### STAGE 1

To complete Stage 1, students must complete the units listed below (total 96 credit points):

##### First Semester

LSN259	Cardiac Anatomy, Embryology and Pathology
PCN162	Principles of Medical Ultrasound
PCN497	Clinical Attachment 4

##### Second Semester

PCN259	Cardiac Ultrasound 1
PCN497	Clinical Attachment 4

##### Third Semester

PCN218	Research Methodology and Professional Studies
PCN359	Cardiac Ultrasound 2
PCN597	Clinical Attachment 5

##### Fourth Semester

PCN459	Advanced Cardiac Ultrasound
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PCN597 Clinical Attachment 5  
 Note: The PCN497 and PCN597 clinical attachment units are 2 semester units.

### STAGE 2

To complete Stage 2, students must complete the units listed below (48 credit points):

#### First Semester (Project Over Two Semesters)

PCN640 Project

Note: A student may request an extension of time in which to submit the project report for assessment. A request for an extension of time up to a maximum of six months shall be made in writing through the Head of School to the Dean. Any request for a further extension, or any request for an extension to a date later than six months after the original due date, shall be made to the Academic Board. The Academic Board may grant the extension under such conditions as it may consider appropriate, or may award the student a "Fail" result in the project unit.

A student who has received a 'Fail' result in the project unit may re-enrol in the unit only in exceptional circumstances and with the express permission of the Academic Board.

## ■ Master of Mathematical Science (MA85)

**Award title:** Master of Mathematical Science

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 3 years

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Assoc Prof Vo Anh

### Career Outcomes

Knowledge and skills in mathematics and/or statistical techniques are increasingly in demand in many different areas. For example, quantitative analysis in the finance area; statistical and mathematical modelling in natural resources and health management; operations research in transport management.

### Course Design

- At least 36 credit points must be taken from postgraduate mathematics units other than MAN200 Mathematical Foundations and/or MAN201 Mathematics.
- Up to 24 credit points can be taken from units other than mathematics units.
- There is a limit of 48 credit points from project units.

The program of study for an individual student will be decided in consultation with the course coordinator and will take into account the student's background and area of interest within the mathematical sciences.

### Course structure

The units selected may include:

MAN200 Mathematical Foundations

MAN201 Mathematics

At least 36 credit points must be taken from the following postgraduate mathematics units:

MAN700 Project

MAN717 Minor Project

MAN761 Analysis

MAN762 Field Theory

MAN764 Applied Mathematical Modelling

MAN765 Bayesian Data Analysis

MAN766 Applied Time Series Analysis

MAN768 Advanced Techniques in Operations Research

MAN769 Mathematics of Finance

MAN771 Computational Mathematics 4

MAN774 Perturbation Methods

MAN775 Statistical Inference with Financial Applications

MAN778 Applications of Discrete Mathematics

MAN787 Project

## ■ Graduate Diploma in Applied Science (SC71)

**Award title:** Graduate Diploma in Applied Science

**CRICOS code:** 020314E

**Location:** Gardens Point

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Assoc Prof Peter Fredericks

**Discipline coordinator:** Dr John Bartley (Chemistry); Dr Mark O'Brien (Life Science); Assoc Prof Vo Anh (Mathematics); Assoc Prof David Gust (Natural Resource Sciences); Assoc Prof Brian Thomas (Physics)

### Course Design

This coursework program lets students include a minor project in some disciplines. The assessed coursework may include advanced lecture courses, seminars, reading courses or independent study designed to focus on information retrieval skills. Coursework units are chosen from those in the Master of Applied Science course, and may contain units from other postgraduate courses, the Bachelor of Applied Science (Honours) program or advanced undergraduate programs.

Candidates of the Graduate Diploma in Applied Science undertake a program of coursework, or coursework and a minor research project, as approved by the Academic Board on the advice of the Head of School.

Students must complete a total of 96 credit points which may consist of between 60 and 96 credit points of coursework, and up to 36 credit points as a minor research project.

Coursework units will be selected from the specific units available within the Master of Applied Science (PH80) course and may contain units selected from other postgraduate courses or advanced undergraduate courses where the background of the student requires this.

### Course structure - Chemistry Strand

PCN701 Topics in Advanced Chemistry 1

PCN705 Research Methodology

PCN710 Chemical Instrumentation

PCN720 Chemometrics

PCN730 Advanced Physical Methods in Chemistry

PCN740 Laboratory Techniques for Preparative Chemistry

PCN801 Topics In Advanced Chemistry 2

### Course structure - Ecology, Environmental Science & Geoscience Strands

NRN100 Readings in Natural Resource Sciences 1

NRN101 Readings in Natural Resource Sciences 2

NRN102 Seminars in Natural Resource Sciences 1

NRN104 Advanced Topics in Natural Resource Sciences 1

NRN105 Advanced Topics in Natural Resource Sciences 2

And units approved by the Strand Coordinator

### Course structure - Life Science Strand

LSN011 Research Seminars in Life Science 1

LSN013 Readings in Life Science 3

LSN023 Research Seminars in Life Science 3

### Course structure - Mathematics Strand

Units selected from other programs offered by the School of Mathematical Sciences and approved by the Mathematics coordinator.

### Course structure - Physics Strand

PCN715 Advanced Topics in Physics 1

PCN716 Advanced Topics In Physics 2

And/or alternative unit(s) approved by the Physics Coordinator

## ■ Graduate Diploma in Applied Science (Medical Physics) (PH71)

**Award title:** Graduate Diploma in Applied Science (Medical Physics)

**CRICOS code:** 020315D

**Location:** Gardens Point

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 2 Years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Assoc Prof Brian J Thomas

**Discipline coordinator:** Dr Greg Michael

### Course Design

This degree consists of two stages. Stage 1 (Graduate Diploma - PH71) comprises assessed coursework such as advanced lectures, seminars, reading courses or independent study. If undertaken full-time, students will need an average of 14 hours a week of formal contact.

In Stage 2 (Master of Applied Science - PH80), students undertake a program of supervised research and investigation that can be completed at QUT, or in a suitable external institution. Students can graduate with a Graduate Diploma in Medical Physics after satisfactory completion of Stage 1.

### Course structure

#### Stage 1 - First Semester

LSB142 Human Anatomy and Physiology

PCN113 Radiation Physics

PCN114 Microprocessors and Instrumentation

PCN211 Physics of Medical Imaging

#### Stage 2 - Second Semester

PCN112 Medical Imaging Science

PCN212 Radiotherapy Physics

PCN214 Health and Occupational Physics

PCN218 Research Methodology and Professional Studies

## ■ Graduate Diploma in Applied Science (Medical Ultrasound) (PH71)

**Award title:** Graduate Diploma in Applied Science (Medical Ultrasound)

**Location:** Gardens Point

**Course duration (part-time):** 2 years\*

**Total credit points:** 96

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Assoc Prof Brian J Thomas

**Discipline coordinator:** Dr Lucia Pemble

\*Course available only in part-time mode from 2003 subject to final approval.

### Professional Recognition

This course is accredited with the Australasian Sonographer Accreditation Registry (ASAR).

### Course Design

This degree consists of two stages. Stage 1 (Graduate Diploma - PH71) takes four semesters of part-time study to complete. Students must show that they have access to suitable clinical experience for the duration of Stage 1 before beginning the degree. Lectures are conducted in intensive 4-5 week "blocks" in each semester. Students undertake clinical experience throughout the semester.

Stage 2 (Master of Applied Science - PH80) involves completion of a research project and submission of a thesis. Students can undertake this project externally under QUT staff supervision on appointment of a suitable external supervisor. This stage takes two semesters part-time to complete after successful completion of Stage 1.

### Course structure - Part-time

STAGE 1: Students must complete the units listed below (total 96 credit points)

#### Semester 1

PCN159 Ultrasonic Examination 1

PCN162 Principles of Medical Ultrasound

PCN197 Clinical Attachment 1

#### Semester 2

PCN197 Clinical Attachment 1

PCN356 Ultrasonic Examinations 2

#### Semester 3

PCN297 Clinical Attachment 2

PCN355 Vascular Ultrasound

PCN357 Advanced Ultrasound Topics

#### Semester 4

PCN218 Research Methodology and Professional Studies

PCN297 Clinical Attachment 2

**Note:** The PCN197 and PCN297 clinical attachment units are 2 semester units

## ■ Graduate Diploma in Biotechnology (LS70)

**Award title:** Graduate Diploma in Biotechnology

**CRICOS code:** 016957B

**Location:** Gardens Point

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Mark O'Brien

### Professional Recognition

Graduates are eligible to join the Australian Biotechnology Association, the Australian Society for Biochemistry and Molecular Biology, and the Australian Society for Microbiology.

### Course Design

The program of study for an individual student will be decided in consultation with the course coordinator and will take into account the student's background and area of interest in biotechnology.

The course consists of two stages: Stage 1 (Graduate Diploma in Biotechnology - LS70) comprises 96 credit points of assessed coursework in medical, plant and/or general biotechnology; in Stage 2 (Master of Applied Science {Life Science} - LS80) students undertake a supervised research project either at QUT or in the workplace.

Students can graduate with a Graduate Diploma in Biotechnology after successfully completing Stage 1.

Students commencing in July enrol in semester two units first.

Credit will not be given for any units already taken within an undergraduate degree, as students are expected to undertake a program of study that extends the coursework studied within an undergraduate degree.

### Course structure - Full-time

#### Year 1, Semester 1

LSP127 Business Aspects of Biotechnology  
Either

LSB509 Medical Biotechnology 1  
Or

LSB577 Plant Biotechnology 1  
In consultation with the course coordinator, choose 24 credit points from the following units:

LSB537 Genetic Engineering

LSB509 Medical Biotechnology 1

LSB577 Plant Biotechnology 1

LSB850 Research Strategies

JSN014 Law, Justice And New Genetic Technologies

HHB270 Gene Technology And Ethics

GSN408 Fundamentals of Marketing Management

GSN418 Marketing Strategy Development



Students who qualify for an exemption from LSB509 or LSB577 on the basis of undergraduate studies are required to undertake an additional unit from the list above.

#### Year 1, Semester 2

MGN428 Managing New Businesses  
Either  
LSB609 Medical Biotechnology 2  
Or

LSB677 Plant Biotechnology 2

In consultation with the course coordinator, choose 24 credit points from the following units:

LSB619 Genomics  
LSB609 Medical Biotechnology 2  
LSB677 Plant Biotechnology 2  
LSB850 Research Strategies  
LSB607 Protein Purification  
BSB311 Research, Development And Commercialisation Strategies  
MGN409 Introduction To Management  
GSN408 Fundamentals of Marketing Management  
GSN418 Marketing Strategy Development

Students who qualify for an exemption from LSB609 or LSB677 on the basis of undergraduate studies are required to undertake an additional unit from the list above.

#### Course structure - Part-time

##### Year 1, Semester 1

LSP127 Business Aspects of Biotechnology  
Either

LSB509 Medical Biotechnology 1  
Or

LSB577 Plant Biotechnology 1

##### Year 1, Semester 2

MGN428 Managing New Businesses  
Either

LSB609 Medical Biotechnology 2  
Or

LSB677 Plant Biotechnology 2

##### Year 2, Semester 1

In consultation with the course coordinator, select 24 credit points under Year 1 Semester 1 in the above full-time course

##### Year 2, Semester 2

In consultation with the course coordinator, select 24 credit points under Year 1 Semester 2 in the above full-time course

## ■ Graduate Diploma in Cardiac Ultrasound (PH75)

**Award title:** Graduate Diploma in Cardiac Ultrasound

**Location:** Gardens Point and External

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Bonita Anderson

#### Professional Recognition

This course is accredited with the Australasian Sonographer Accreditation Registry (ASAR).

#### Course Design

This course consists of two stages. Stage 1 (Graduate Diploma in Cardiac Ultrasound - PH75) takes two years of part-time study to complete. Students must be employed in a suitable clinical practice with adequate access to clinical cardiac ultrasound experience for the duration of the course. If students are not based in Brisbane, this structure allows attendance by offering the formal classroom component in an intensive one-week block in each semester.

Stage 2 (Master of Cardiac Ultrasound - PH85) involves the completion of a research project and submission of a thesis. Students can undertake this project internally at QUT, or externally under QUT staff supervision and the guidance of a suitable external supervisor. This stage would normally take one year part-time to complete.

#### Course structure

##### First Semester

LSN259 Cardiac Anatomy, Embryology and Pathology  
PCN162 Principles of Medical Ultrasound  
PCN497 Clinical Attachment 4

##### Second Semester

PCN259 Cardiac Ultrasound 1  
PCN497 Clinical Attachment 4

##### Third Semester

PCN218 Research Methodology and Professional Studies  
PCN359 Cardiac Ultrasound 2  
PCN597 Clinical Attachment 5

##### Fourth Semester

PCN459 Advanced Cardiac Ultrasound  
PCN597 Clinical Attachment 5

**Note:** The PCN497 and PCN597 clinical attachment units are 2 semester units.

## ■ Graduate Diploma in Mathematical Science (MA75)

**Award title:** Graduate Diploma in Mathematical Science

**Location:** Gardens Point

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Assoc Prof Vo Anh

#### Course Design

- At least 24 credit points must be taken from postgraduate mathematics units other than MAN200 Mathematical Foundations and/or MAN201 Mathematics.
- Up to 24 credit points can be taken from units other than mathematics units.
- There is a limit of 36 credit points from project units.

The program of study for an individual student will be decided in consultation with the course coordinator and will take into account the student's background and area of interest within the mathematical sciences.

#### Course structure

The units selected may include:

MAN200 Mathematical Foundations  
MAN201 Mathematics

At least 24 credit points must be taken from the following postgraduate mathematics units:

MAN700 Project  
MAN717 Minor Project  
MAN761 Analysis  
MAN762 Field Theory  
MAN764 Applied Mathematical Modelling  
MAN765 Bayesian Data Analysis  
MAN766 Applied Time Series Analysis  
MAN768 Advanced Techniques in Operations Research  
MAN769 Mathematics of Finance  
MAN771 Computational Mathematics 4  
MAN774 Perturbation Methods  
MAN775 Statistical Inference with Financial Applications  
MAN778 Applications of Discrete Mathematics  
MAN787 Project

## ■ Graduate Certificate in Applied Science (Breast Ultrasound) (PH60)

**Award title:** Graduate Certificate Applied Science (Breast Ultrasound)

**CRICOS code:** 034716E

**Location:** Gardens Point

**Course duration (part-time):** 1 year

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Assoc Prof Brian J Thomas

**Discipline coordinator:** Dr Lucia Pemble

### Professional Recognition

This course is accredited with the Australasian Sonographer Accreditation Registry (ASAR).

### Course Design

Students must be employed in a suitable clinical practice with adequate access to clinical experience for the duration of the course. Formal lectures are conducted in an intensive one-week block of classes at the beginning of each semester. Further academic requirements can be met without requiring on-campus attendance. If students are not based in Brisbane, this structure allows attendance by offering the formal classroom component in an intensive one-week block in each semester.

### Course structure

To complete the Graduate Certificate in Applied Science (Breast Ultrasound) students must complete the units listed below (total 48 credit points)

#### Semester 1

PCN162 Principles of Medical Ultrasound  
PCN187 Specialist Studies  
PCN397 Clinical Attachment 3

#### Semester 2

PCN184 Breast Imaging  
PCN397 Clinical Attachment 3

Note: The PCN397 clinical attachment unit is a 2 semester unit

## ■ Graduate Certificate in Mathematical Science (MA65)

**Award title:** Graduate Certificate in Mathematical Science

**Location:** Gardens Point

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 1 year

**Total credit points:** 48

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Assoc Prof Vo Anh

### Course Design

- At least 36 credit points must be taken from mathematics units.
- Up to 12 credit points can be taken from units other than mathematics units.

The program of study for an individual student will be decided in consultation with the course coordinator and will take into account the student's background and area of interest within the mathematical sciences.

### Course structure

The units selected may include:

MAN200 Mathematical Foundations  
MAN201 Mathematics

## ■ Bachelor of Applied Science (Honours) (SC60)

**Award title:** Bachelor of Applied Science (Honours) (Study Area A)

**CRICOS code:** 009041G

**Location:** Gardens Point

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 2 Years

**Course coordinator:** Assoc Prof Peter Fredericks

**Discipline coordinator:** Dr John Bartley (Chemistry); Dr Tony Clarke (Ecology); Assoc Prof David Gust (Environmental Science); Dr Gary Huftile (Geology); Dr Terry Walsh (Life Science); Dr Troy Farrell (Mathematics); Assoc Prof Brian J Thomas (Physics)

### Professional Membership

Relevant scientific professional bodies include: Australasian Association of Clinical Biochemists; Australasian Institute of

Mining and Metallurgy; Australian Biotechnology Association; Australian Institute of Geoscientists; Australian Institute of Physics; Australian Mathematical Society; Australian Society for Biochemistry and Molecular Biology; Australian Society for Medical Research; Australian Society for Microbiology; Australian Society of Operations Research; Ecological Society of Australia; Geological Society of Australia; Royal Australian Chemical Institute; Statistical Society of Australia. Eligibility for membership is based on the combination of units undertaken in the degree. Eligibility for membership is based on the major you undertake and the Bachelor of Applied Science course that underpins it.

### Course Design

The Honours year comprises coursework and a major research project supervised by QUT staff, in some cases in conjunction with local industry. Majors are offered in Chemistry, Ecology, Environmental Science, Geology, Life Science, Mathematics and Physics.

### Course structure - Major in Chemistry

#### Year 1, Semester 1

PCB700 Research Project  
PCB700 Research Project  
PCB742 Elective Studies  
PCB780 Advanced Topics in Chemistry 1

#### Year 1, Semester 2

PCB700 Research Project  
PCB700 Research Project  
PCB700 Research Project  
PCB780 Advanced Topics in Chemistry 1

### Course structure - Major in Ecology, Environmental Science, Geology

#### Year 1, Semester 1

NRB720 Project  
NRB730 Research Methods and Strategies  
NRB730 Research Methods and Strategies  
NRB735 Advanced Studies in Resource Sciences

#### Year 1, Semester 2

NRB720 Project  
NRB720 Project  
NRB720 Project  
NRB720 Project

### Course structure - Major in Life Science

#### Year 1, Semester 1

LSB850 Research Strategies  
LSB851 Readings in Life Science 1  
LSB852 Project

#### Year 1, Semester 2

LSB850 Research Strategies  
LSB851 Readings in Life Science 1  
LSB852 Project

### Course structure - Major in Mathematics

#### Year 1, Semester 1

MAB787 Project  
36 credit points of elective units selected from the list below\*

#### Year 1, Semester 2

MAB787 Project  
MAB787 Project  
24 credit points of elective units selected from the list below\*

#### Elective List (Mathematics) - 60 credit points to be selected#

MAN717 Minor Project  
MAN761 Analysis  
MAN762 Field Theory  
MAN764 Applied Mathematical Modelling  
MAN765 Bayesian Data Analysis  
MAN766 Applied Time Series Analysis  
MAN768 Advanced Techniques in Operations Research  
MAN769 Mathematics of Finance  
MAN771 Computational Mathematics 4  
MAN774 Perturbation Methods  
MAN775 Statistical Inference with Financial Applications  
MAN778 Applications of Discrete Mathematics

Up to 12 credit points from the following lists can be included in the 60 credit points of electives:

MAB522	Computational Mathematics 3
MAB524	Statistical Inference
MAB526	Statistical Science 3
MAB613	Partial Differential Equations
MAB672	Advanced Mathematical Modelling

Up to two units from another Faculty or School may be included with the permission of the Mathematics Coordinator. The unit(s) must be of honours level and relevant to the proposed program. Examples of suitable units are:

EFN505	Financial Risk Management
ITN447	Special Studies
ITN556	Advanced Topics In Cryptology
PCB706	Quantum Mechanics

\*The Course Coordinator may approve a student taking 24 credit points of elective units (together with MAN787/1 and MAN787/2) in Semester 1 and 36 credit points of elective units (together with MAN787/3) in Semester 2.

#The list of mathematics units to be offered is subject to final approval.

### Course structure - Major in Physics

#### Year 1, Semester 1

PCB700	Research Project
PCB700	Research Project
	Elective
	Elective

#### Year 1, Semester 2

PCB700	Research Project
PCB700	Research Project
PCB700	Research Project
	Elective

#### Elective List (Physics)

PCB706	Quantum Mechanics
PCB708	Advanced Topics in Physics
PCN112	Medical Imaging Science
PCN113	Radiation Physics
PCN114	Microprocessors and Instrumentation
PCN211	Physics of Medical Imaging
PCN212	Radiotherapy Physics
PCN214	Health and Occupational Physics
PCN716	Advanced Topics In Physics 2

Other units may be chosen in consultation with the Course Coordinator.

## ■ Bachelor of Applied Science + Bachelor of Applied Science (Honours) - Dean's Scholars Accelerated Honours Program (SC01 + SC60)

**CRICOS code:** 003502J

**Location:** Gardens Point

**Course duration (full-time):** 3 Years

**Total credit points:** 384

**Course coordinator:** Dr Al Grenfell

**Discipline coordinator:** A/Prof Rob Harding (Life Sciences - SCB501 only); Dr Alex Anderson (Life Sciences - other units); Dr Graeme Pettet (Mathematics); Dr Kelley Whitaker (Natural Resource Sciences); Dr Dennis Arnold (Physical and Chemical Sciences - Chemistry); Dr Dmitri Gramotnev (Physical and Chemical Sciences - Physics)

### Special Entry Requirements

A successful personal interview is required. (After students apply through QTAC, the Faculty of Science contacts them in about November of that year to arrange an interview time.)

### Professional Recognition

For graduates with approved study: Australasian Association of Clinical Biochemists; Australasian Institute of Mining and Metallurgy; Australian Biotechnology Association; Australian Institute of Geoscientists; Australian Institute of Physics; Australian Mathematical Society; Australian Society for Biochemistry and Molecular Biology; Australian Society for Medical Research; Australian Society for Microbiology; Australian Society of Operations Research; Ecological Society of Australia; Geological Society of Australia; Royal Australian Chemical Institute; Statistical Society of Australia.

### Course Design

The course is designed to allow Dean's Scholars to complete both the Bachelor of Applied Science and Bachelor of Applied Science (Honours) courses in an enriched and accelerated manner.

All of the majors and comajors offered in the SC01 course are available within the Bachelor of Applied Science component of the Dean's Scholars Accelerated Honours Program. The majors available are: Biochemistry; Biotechnology; Chemistry; Ecology; Environmental Science; Geology; Mathematics; Microbiology; and Physics. Comajors include: Applied Geology; Astrophysics; Biodiversity; Biomolecular Sciences; Environmental Studies; Forensic Science; Industrial Chemistry; Medical and Health Physics; Scientific Computation and Visualisation. In addition, all of the majors offered in the Bachelor of Applied Science (Honours) course are available to Dean's Scholars. (Full details of the SC01 BAppSc and SC60 BAppSc(Hons) courses are available under the separate entries for these programs.)

Dedicated Dean's Scholars units that facilitate the acceleration and provide enrichment are indicated below:

SCB301 Science for Dean's Scholars  
 SCB303 Tutorial Program for Dean's Scholars (substituted by a mathematics unit for Mathematics majors)  
 SCB401 Research Methods for Dean's Scholars (substituted by a mathematics unit for Mathematics majors)  
 SCB501 Research Project for Dean's Scholars (optionally substituted by MAB640 Industry Project for Mathematics majors)

### Course Structure

The general course structures for major studies in Chemistry, Physics, Life Sciences, and Mathematics in the Dean's Scholars Accelerated Honours Program are indicated below.

### Course structure - Majors in Chemistry and Physics

#### Year 1, Summer Term (24 cp)

Dean's Scholars Program enrichment unit:

SCB301 Science for Dean's Scholars

#### Year 1, Semester 1 (60 cp)

Dean's Scholars Program enrichment unit:

SCB303 Tutorial Program for Dean's Scholars  
 Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (48 cp)

#### Year 1, Semester 2 (60 cp)

Dean's Scholars Program enrichment unit: Elective (12 cp)  
 Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (48 cp)

#### Year 2, Semester 1 (60 cp)

Dean's Scholars Program enrichment unit:

SCB401 Research Methods for Dean's Scholars  
 (SCB401 Research Methods for Dean's Scholars may be replaced by an approved elective unit in the case of the Physics major)  
 Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (48 cp)

#### Year 2, Semester 2 (60 cp)

Dean's Scholars Program enrichment unit:

SCB501 Research Project for Dean's Scholars  
 Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (36 cp)

#### Year 3, Semester 1 (60 cp) and Semester 2 (60 cp)

Normal BAppSc and BAppSc(Hons) units: BAppSc + BAppSc(Hons) Coursework (12cp + 36 cp respectively)  
 Normal BAppSc and BAppSc(Hons) units: BAppSc(Hons) Research (60 cp)

### Course structure - Majors in Biochemistry, Biotechnology and Microbiology

#### Year 1, Summer Term (24 cp)

Dean's Scholars Program enrichment unit:

SCB301 Science for Dean's Scholars

#### Year 1, Semester 1 (60 cp)

Dean's Scholars Program enrichment unit:

SCB303 Tutorial Program for Dean's Scholars

	Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (48 cp)
<b>Year 1, Semester 2 (60 cp)</b>	Dean's Scholars Program enrichment unit:
SCB401	Research Methods for Dean's Scholars Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (48 cp)
<b>Year 2, Semester 1 (72 cp)</b>	Dean's Scholars Program enrichment unit:
SCB501	Research Project for Dean's Scholars Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (48 cp)
<b>Year 2, Semester 2 (60 cp)</b>	Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (48 cp)
LSB657	Normal BAppSc and BAppSc(Hons) unit: Perspectives in Life Science
<b>Year 3, Semester 1 (60 cp) and Semester 2 (48 cp)</b>	Normal BAppSc and BAppSc(Hons) units: BAppSc + BAppSc(Hons) Coursework (12cp + 36 cp respectively)
	Normal BAppSc and BAppSc(Hons) units: BAppSc(Hons) Research (60 cp)

### Course structure - Major in Mathematics

<b>Year 1, Summer Term (24 cp)</b>	EITHER
	Dean's Scholars Program enrichment unit (MS module + MA module + one of the PH, CH, and LS modules):
SCB301	Science for Dean's Scholars
	OR
MAB101	Statistical Data Analysis 1
	AND
MAB111	Mathematical Sciences 1B
<b>Year 1, Semester 1 (60 cp)</b>	Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (60 cp)
<b>Year 1, Semester 2 (60 cp)</b>	Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (60 cp)
<b>Year 2, Semester 1 (60 cp)</b>	Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (60 cp)
<b>Year 2, Semester 2 (60 cp)</b>	Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (36 cp)
	Dean's Scholars Program enrichment unit:
SCB501	Research Project for Dean's Scholars
	OR
MAB640	Industry Project
<b>Year 3, Semester 1 (60 cp) and Semester 2 (60 cp)</b>	Normal BAppSc and BAppSc(Hons) units: BAppSc + BAppSc(Hons) Coursework (24 cp + 60 cp respectively)
	Normal BAppSc and BAppSc(Hons) units: BAppSc(Hons) Research (36 cp)

## ■ Bachelor of Applied Science (SC01)

**Award title:** Bachelor of Applied Science (Study Area A)

**CRICOS code:** 003502J

**Location:** Gardens Point

**Course duration (full-time):** 3 Years

**Course duration (part-time):** 6 Years

**Total credit points:** 288 (minimum)

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Megan Hargreaves

**Discipline coordinator:** Dr Alex Anderson (Biochemistry); Dr Ron Epping (Biotechnology); Dr Dennis Arnold (Chemistry); Dr Ian Williamson (Ecology); Graham Kimber (Environmental Science); Dr Greg Webb (Geoscience); Dr Jack Wrigley (Mathematics); Dr Megan Hargreaves (Microbiology); Dr Bruce Cornish (Physics)

### Professional Recognition

For graduates with approved study: Australasian Association of Clinical Biochemists, Australasian Institute of Mining and Metallurgy, AusBiotech Ltd, Australian Institute of Geoscientists,

Australian Institute of Physics, Australian Mathematical Society, Australian Society for Biochemistry and Molecular Biology, Australian Society for Medical Research, Australian Society for Microbiology, Australian Society for Operations Research, Ecological Society of Australia, Geological Society of Australia, Royal Australian Chemical Institute, Statistical Society of Australia.

### Course Design

The Bachelor of Applied Science course comprises a major and a co-major study area in second and third year, built on the secure foundation of core units studied in the first year. The major and co-major study areas (listed below) show the broad range of the Science program and the flexibility that students have in choosing their degree program. Students can also propose their own co-major studies, and that the choice of major and co-major can be delayed until the completion of at least the students first semester of study.

In first semester, the core units are designed to broaden the students experience of Science and the four units studied will generally include at least three of the following:

- Life Science, an introduction to the study of life processes, with cells and organisms as the central point of reference.
- Statistical Data Analysis, or how to extract valid results from data collected.
- Environmental Science, incorporating the chemical, physical and biological processes that influence the development of the air, the earth and the atmosphere.
- Physical Science, involving the basic concepts of physics and chemistry.

**Science Majors:** Biochemistry; Biotechnology; Chemistry; Ecology; Environmental Science; Geoscience; Mathematics; Microbiology; Physics.

**Science Co-Majors:** Applied Geology; Astrophysics; Biodiversity; Biomedical Sciences; Environmental Management; Environmental Science; Forensic Science; Industrial Chemistry; Medical and Health Physics; Scientific Computation and Visualisation.

**Non-Science Co-Majors:** (for example) Accounting; Aviation; Communication; Humanities; Information Technology; Languages; Marketing; Psychology.

### Course Rules

1. To fulfil the requirements for the award of the Bachelor of Applied Science degree, a student must complete a total of at least 288 credit points, comprising at least 192 credit points in units offered by the Faculty of Science. The units completed for the award of the degree must include:

- at least six faculty core units, including at least three units from List A and at least 3 units from List B in Schedule 1
- a major study
- a comajor study (or group of units constituting 72 credit points at advanced level in any approved area of study in the University).

Major and comajor studies are defined in terms of the discipline area and the academic level at which the units are offered.

A *major* must be completed in one of the following discipline areas: biochemistry; biotechnology; chemistry; ecology; environmental science; geoscience; mathematics; microbiology; physics. A major comprises 96 credit points of units at advanced level, including at least 48 credit points at the third level.

A *comajor* may be completed by selecting appropriate units from another major, or from the following discipline areas: applied geology; astrophysics; biodiversity; biomolecular science; environmental management; environmental science; forensic science; industrial chemistry; medical and health physics; scientific computation and visualisation. A comajor comprises 72 credit points at advanced level. Alternatively, the comajor may be

constituted by an approved group of units comprising 72 credit points at advanced level in any approved area of study in the university. Major and comajor studies may be taken in closely related discipline areas.

- The maximum number of credit points that may be counted from units other than those at advanced level is 120 credit points.
- Elective units may be chosen from (a) SC01 majors/comajors other than those undertaken by a student, (b) other appropriate units offered by the Faculty of Science, and (c) units offered by other faculties.
- Students are normally expected to complete the course in minimum time. A full-time student normally enrolls in an average of 48 credit points per semester for six semesters and a part-time student normally enrolls in 24 credit points per semester for 12 semesters. (A full-time student is one who is enrolled in 36 or more credit points per semester, whereas a part-time student is one who is enrolled in less than 36 credit points per semester.)
- All commencing and certain continuing students are required to attend scheduled academic advising sessions to plan their progression through the course, and to obtain the approval of an academic adviser prior to effecting any change of enrolment.
- A registered student who has successfully completed the equivalent of the first and second year of the standard full-time course, normally with a grade point average (GPA) of not less than 4.5 overall, may, at the discretion of the Industrial Internship Coordinator, apply to undertake the Industrial Internship Program. This program involves 10-12 months of paid full-time employment in an approved industrial/commercial environment during which time the student is enrolled in the unit SCB100 Cooperative Education. On completion of the approved industrial internship placement the student resumes formal studies.

**Notes on the Rules**

- For offerings in the Faculty of Science, the term advanced level refers to units in Schedules 2 and 3. For units offered outside the Faculty of Science, the term advanced level refers to units for which there is at least one prerequisite unit.
- Level 2 and level 3 units are listed in Schedules 2 and 3 respectively according to their unit codes. For each unit, the major(s) and/or comajor(s) in which the unit is offered are shown. It should be noted that not every advanced level unit offered in each major/comajor is mandatory. Where a unit is mandatory for a major or comajor, the abbreviation for the major or comajor is highlighted by an asterisk.
- The major undertaken by a student will qualify the generic award title of BAppSc and will appear in the award title in parentheses. The general form of the award will therefore be: BAppSc(Major).

**Industrial Internship Program**

A registered student who has completed the equivalent of the first and second years of the standard full-time course, normally with a GPA of not less than 4.5 overall, may, at the discretion of the Industrial Internship Program Coordinator, undertake the Industrial Internship option.

This involves 10-12 months of paid full-time employment in an approved industrial/commercial environment during which time the student is enrolled in the unit SCB100 Cooperative Education. On completion of the approved industrial experience the student resumes formal studies.

**General Requirements for Majors**

The units referred to in the general requirements for majors are listed in Schedules 1, 2 and 3.

**Science Unit Information - SC01 Lists A and B, and Levels 1, 2 and 3**

**List A**

- LSB118 Life Science
- MAB101 Statistical Data Analysis 1

- NRB100 Environmental Science
  - PCB101 Physical Science
- List B**
- LSB238 Cell and Molecular Biology 1
  - MAB100 Mathematical Sciences 1A
  - MAB111 Mathematical Sciences 1B
  - MAB112 Mathematical Sciences 1C
  - NRB230 Planet Earth
  - NRB232 Environmental Geology
  - NRB270 Animal and Plant Structure and Function
  - PCB140 Introductory Chemistry
  - PCB142 Chemistry 1
  - PCB242 Chemistry 2
  - PCB250 Physics 1
  - PCB260 Physics 1A

**Notes for Lists A and B**

- (a) Students in a mathematics major may replace units in Lists A and B with the following units:
- MAB210 Statistical Modelling 1
  - MAB220 Computational Mathematics 1  
Any approved computing unit
- (b) Students in a physics major must replace MAB101 with MAB131 OR MAB180, and MAB111 and MAB112 with MAB132 and MAB134

**First Level Units**

- BSB112 Introduction To Electronic Commerce
- ITB410 Software Development 1
- ITB843 Computing Applications
- ITB849 Introduction To Technical Computing
- LSB118 Life Science
- LSB238 Cell and Molecular Biology 1
- LSB258 Human Anatomy and Physiology
- MAB100 Mathematical Sciences 1A
- MAB101 Statistical Data Analysis 1
- MAB105 Preparatory Mathematics
- MAB111 Mathematical Sciences 1B
- MAB112 Mathematical Sciences 1C
- MAB131 Engineering Mathematics 1A
- MAB132 Engineering Mathematics 1B
- MAB180 Engineering Mathematics 1
- MAB210 Statistical Modelling 1
- MAB220 Computational Mathematics 1
- NRB100 Environmental Science
- NRB230 Planet Earth
- NRB232 Environmental Geology
- NRB270 Animal and Plant Structure and Function
- PCB101 Physical Science
- PCB107 Physics and Quantitative Techniques
- PCB140 Introductory Chemistry
- PCB142 Chemistry 1
- PCB200 Chemical Technology 1
- PCB242 Chemistry 2
- PCB250 Physics 1
- PCB260 Physics 1A
- PYB012 Psychology
- SCB222 Exploration of the Universe

**Second Level Units**

- JSB937 Forensic Scientific Evidence
- LSB308 Biochemistry
- LSB309 Introduction to Intellectual Property Law
- LSB328 Microbiology 1
- LSB338 Cell and Molecular Biology 2
- LSB358 Physiology 1
- LSB397 Plant Physiology 1
- LSB408 Metabolism
- LSB428 Microbiology 2
- LSB438 Immunology 1
- LSB458 Physiology 2
- LSB468 Molecular Biology
- LSB497 Plant Molecular Biology
- MAB134 Electrical Engineering Mathematics 3
- MAB311 Advanced Calculus
- MAB312 Linear Algebra
- MAB313 Mathematics of Finance
- MAB314 Statistical Modelling 2
- MAB315 Operations Research 2
- MAB380 Introduction to Supercomputing
- MAB413 Differential Equations
- MAB414 Applied Statistics 2
- MAB420 Computational Mathematics 2

MAB422	Mathematical Modelling	NRB536	Petrology and Geochemistry
MAB481	Visualisation and Data Analysis	NRB572	Terrestrial Ecosystems
NRB300	Environmental Monitoring	NRB600	Issues in Environmental Science
NRB311	Population Ecology	NRB610	Ecological Applications
NRB312	Experimental Design	NRB611	Conservation Biology
NRB331	Sedimentary Geology	NRB630	Exploration Geology
NRB333	Mineralogy	NRB633	Hydrogeology
NRB334	Mineral Deposits And Mine Geology	NRB634	Igneous Petrology And Petrochemistry
NRB370	Invertebrate Biology	NRB635	Plate Tectonics and Advanced Structural Geology
NRB371	Plant Biology	NRB636	Stratigraphy and Basin Analysis
NRB400	Environmental Systems	NRB640	Physical Chemistry of the Environment
NRB410	Genetics and Evolution	NRB660	Studies in Natural Resource Sciences
NRB411	Ecological Methods	NRB672	Marine and Freshwater Ecosystems
NRB434	Structural Geology and Field Methods	PCB505	Advanced Physical Chemistry
NRB435	Ore Genesis	PCB514	Instrumental Analysis
NRB436	Introduction to Igneous and Metamorphic Petrology	PCB524	Unit Operations
NRB440	Environmental Chemistry	PCB548	Medical Physics
NRB470	Vertebrate Biology	PCB554	Synthesis and Reactivity in Organic Chemistry
PCB305	Principles of Physical Chemistry	PCB561	Quantum and Condensed Matter Physics
PCB314	Concepts in Analytical Chemistry	PCB562	Physical Methods of Analysis
PCB354	Structure and Mechanism in Organic Chemistry	PCB584	Forensic Examination of Physical Evidence
PCB361	AC Theory and Electronics	PCB593	Digital Image Processing
PCB362	Physics 2	PCB604	Project
PCB404	Scientific Principles of Safety	PCB614	Advanced Analysis
PCB414	Industrial and Environmental Analytical Chemistry	PCB624	Chemistry in Industry and Technology
PCB434	Inorganic Chemistry	PCB634	Organometallic and Coordination Chemistry
PCB444	Spectroscopy	PCB644	Frontiers In Chemistry
PCB460	Instrumentation and Computational Methods	PCB648	Applied Radiation and Health Physics
PCB462	Thermodynamics and Solid State Physics	PCB661	Experimental Physics
SCB100	Cooperative Education	PCB665	Physics 3
SCB301	Science for Dean's Scholars	PCB684	Forensic Analysis and Toxicology
SCB302	Tutorial Program For Dean's Scholars	SCB501	Research Project for Dean's Scholars
SCB401	Research Methods for Dean's Scholars	SCB601	Perspectives In Science
SCB402	Earth Resources Management		
<b>Third Level Units</b>			
LSB508	Advanced Metabolism		
LSB509	Medical Biotechnology 1		
LSB527	Biomedical Research Technologies		
LSB528	Environmental Microbiology		
LSB537	Genetic Engineering		
LSB547	Bacterial Pathogenesis and Disease Diagnosis		
LSB558	Advanced Physiology		
LSB567	Immunology 2		
LSB568	Electron Microscopy		
LSB577	Plant Biotechnology 1		
LSB578	Virology		
LSB605	Protein Engineering and Bioprocessing		
LSB607	Protein Purification		
LSB608	Protein Science		
LSB609	Medical Biotechnology 2		
LSB619	Genomics		
LSB628	Food Microbiology		
LSB647	Clinical Mycology and Parasitology		
LSB648	Molecular Microbiology		
LSB657	Perspectives in Life Science		
LSB658	Clinical Physiology		
LSB677	Plant Biotechnology 2		
MAB521	Applied Mathematics 3		
MAB522	Computational Mathematics 3		
MAB523	Introduction to Quality Management		
MAB524	Statistical Inference		
MAB525	Operations Research 3A		
MAB526	Statistical Science 3		
MAB580	Scientific Computation		
MAB613	Partial Differential Equations		
MAB621	Discrete Mathematics		
MAB623	Financial Mathematics		
MAB624	Applied Statistics 3		
MAB625	Operations Research 3B		
MAB640	Industry Project		
MAB672	Advanced Mathematical Modelling		
MAB681	Advanced Visualisation and Data Analysis		
NRB500	Environmental Modelling		
NRB501	Mapping and Modelling of Natural Resource Data		
NRB510	Population Genetics		
NRB511	Population Management		
NRB533	Advanced Geological Mapping		
NRB534	Geophysics		
NRB535	Geology of Fossil Fuels		

## ■ Bachelor of Applied Science - Medical Radiation Technology (Medical Imaging Technology) (PH38)

**Award title:** Bachelor of Applied Science (Medical Radiation Technology)

**CRICOS code:** 037588F

**Location:** Gardens Point

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Pam Rowntree

### Other Majors

See also the separate entry for the following major in this course: Bachelor of Applied Science - Medical Radiation Technology (Radiotherapy Technology).

### Special Requirements

Students are required to undertake clinical experience in hospital departments and private practices during the course and, as a result, will have direct patient contact during their clinical placement, and may be exposed to blood and body fluids of patients. Students must be vaccinated for Hepatitis B and must provide a post-vaccination pathological report or similar certification showing proof of immunity, prior to undertaking their first clinical placement.

### Professional Recognition

On graduation, students will be eligible for provisional accreditation by the Australian Institute of Radiography. Full membership requires the completion of an additional professional development year of clinical experience.

### Course structure - Medical Imaging Technology

#### Year 1, Semester 1

LSB145 Anatomy 1 and Introductory Pathology

PCB007 Patient Care in Professional Practice

PCB107 Physics and Quantitative Techniques

PCB178 Principles of Medical Radiations

#### Year 1, Semester 2

LSB245 Anatomy 2 and Introductory Pathology

PCB272 Radiation Physics 1  
 PCB276 General Radiography 1  
 PCB277 Radiographic Practice

**Year 2, Semester 1**

LSB321 Systematic Pathology  
 LSB345 Imaging Anatomy 1  
 PCB375/1 Radiographic Equipment  
 PCB377 General Radiography 2  
 PCB379 Clinical Radiography 1

**Year 2, Semester 2**

LSB445 Imaging Anatomy 2  
 PCB375/2 Radiographic Equipment  
 PCB476 Special Procedures  
 PCB477 Complementary Imaging Techniques  
 PCB479 Clinical Radiography 2

**Year 3, Semester 1**

PCB567 Advanced Radiographic Technique 1  
 PCB580/1 Clinical Radiography 3  
 PCB593 Digital Image Processing  
 PCB672 Project  
 PCB681 Computed Tomography Imaging

**Year 3, Semester 2**

PCB580/2 Clinical Radiography 3  
 PCB667 Advanced Radiographic Technique 2  
 PCB672 Project  
 PCB675 Radiation Safety and Quality Assurance  
 PCB682 Magnetic Resonance Imaging

## ■ Bachelor of Applied Science - Medical Radiation Technology (Radiotherapy Technology) (PH38)

**Award title:** Bachelor of Applied Science (Medical Radiation Technology)

**CRICOS code:** 037588F

**Location:** Gardens Point

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Pam Rowntree

**Discipline coordinator:** Michelle Oppelaar

**Other Majors**

See also the separate entry for the following major in this course:  
 Bachelor of Applied Science - Medical Radiation Technology (Medical Imaging Technology).

**Special Requirements**

Applicants must satisfactorily complete a radiation therapy questionnaire. Contact the Course Coordinator or the Discipline Coordinator for further information.

**Professional Recognition**

On graduation, students will be eligible for provisional accreditation by the Australian Institute of Radiography. Full membership requires the completion of an additional professional development year of clinical experience.

**Course structure - Major in Radiotherapy Technology****Year 1, Semester 1**

LSB145 Anatomy 1 and Introductory Pathology  
 PCB007 Patient Care in Professional Practice  
 PCB107 Physics and Quantitative Techniques  
 PCB178 Principles of Medical Radiations

**Year 1, Semester 2**

LSB245 Anatomy 2 and Introductory Pathology  
 PCB272 Radiation Physics 1  
 PCB286 Treatment Planning 1  
 PCB287 Megavoltage Therapy 1

**Year 2, Semester 1**

LSB321 Systematic Pathology  
 LSB345 Imaging Anatomy 1  
 PCB389 Clinical Radiotherapy 1  
 PCB396/1 Radiotherapy Planning and Physics  
 PCB397 Megavoltage Therapy 2

**Year 2, Semester 2**

LSB445 Imaging Anatomy 2  
 PCB396/2 Radiotherapy Planning and Physics  
 PCB489 Clinical Radiotherapy 2  
 PCB495 Computer Assisted Treatment Planning 1  
 PCB497 Megavoltage Therapy 3

**Year 3, Semester 1**

PCB587 Specialised Radiotherapy Technique 1  
 PCB590/1 Clinical Radiotherapy 3  
 PCB593 Digital Image Processing  
 PCB595 Computer Assisted Treatment Planning 2  
 PCB672 Project

**Year 3, Semester 2**

PCB590/2 Clinical Radiotherapy 3  
 PCB672 Project  
 PCB675 Radiation Safety and Quality Assurance  
 PCB687 Specialised Radiotherapy Technique 2  
 PCB695 Advanced Treatment Planning Topics

## ■ Bachelor of Applied Science (Environmental Science) (SC01)

**Award title:** Bachelor of Applied Science (Environmental Science)

**CRICOS code:** 003502J

**Location:** Carseldine

**Course duration (full-time):** 3 Years

**Course duration (part-time):** 6 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Megan Hargreaves

**Discipline coordinator:** Mr Graham Kimber

**Professional Recognition**

Graduates fulfil the academic requirements of the Environment Institute of Australia.

**Course Design**

The course structure comprises a core of six introductory science units, the Environmental Science major, a co-major of six units, and four units of complementary material. This degree provides opportunities for students to develop a unique suite of skills that combine expertise in geology, ecology, geographical information systems, environmental monitoring and environmental chemistry.

The foundation units develop a strong basis on which the more advanced studies that constitute the Environmental Science major are based. Studies in environmental systems, environmental monitoring, environmental modelling, ecology, environmental chemistry, geographic information systems and environmental geology are integrated to provide a holistic understanding of environmental science. The course includes laboratory and fieldwork, with an emphasis on problem solving through project work.

Students co-major study may be selected from an approved area of study within the University. Co-majors that are available from other faculties on the Carseldine Campus are Geography and Environmental Studies, and Psychology.

**Course structure - Major in Environmental Science****Year 1, Semester 1**

LSB118 Life Science  
 NRB100 Environmental Science  
 PCB101 Physical Science  
 NRB230 Planet Earth  
 Or  
 HHB227 Environment And Society

**Year 1, Semester 2**

NRB232 Environmental Geology  
 NRB270 Animal and Plant Structure and Function  
 PCB140 Introductory Chemistry  
 MAB105 Preparatory Mathematics  
 Or  
 Elective (for students with Senior Maths B)

**Year 2, Semester 1**

MAB101	Statistical Data Analysis 1
NRB300	Environmental Monitoring
NRB311	Population Ecology
HHB227	Environment And Society
	Or
NRB230	Planet Earth
	Or
	Elective

**Year 2, Semester 2**

HHB107	World Regions
NRB400	Environmental Systems
NRB440	Environmental Chemistry
HHB228	Environmental Hazards

**Year 3, Semester 1**

NRB500	Environmental Modelling
NRB501	Mapping and Modelling of Natural Resource Data
HHB250	Australian Geographical Studies
HHB312	Geographical Research Design

**Year 3, Semester 2**

NRB600	Issues in Environmental Science
NRB633	Hydrogeology
PSB655	Remote Sensing
HHB269	Ethics, Technology And The Environment

**Course structure - Co-Major in Psychology****Year 1, Semester 1**

PYB007	Interpersonal Processes And Skills
PYB012	Psychology

**Year 1, Semester 2**

PYB007	Interpersonal Processes And Skills
PYB007 can be undertaken in either Semester 1 or Semester 2	

**Years 2 & 3, Semester 1**

PYB205	Social Psychology
PYB303	Cognitive Psychology

**Years 2 & 3, Semester 2**

PYB203	Developmental Psychology
3 approved electives	

**Elective Units**

PYB050	Qualitative Research Methods
PYB054	Psychology And Gender
PYB067	Human Sexuality
PYB158	Introduction To Substance Abuse In Australia
PYB159	Alcohol And Other Drug Studies
PYB250	Environmental Psychology
PYB257	Group Work
PYB258	Introduction To Theory And Research In Hypnosis
PYB260	Psychopharmacology of Addictive Behaviour
PYB302	Industrial and Organisational Psychology
PYB304	Cognitive Neuropsychology
PYB306	Psychopathology
PYB311	Psychological Assessment
PYB353	Occupational And Vocational Psyc
PYB356	Counselling Theory And Practice 2
PYB358	Advanced Developmental Psychology
PYB359	Introduction To Family Therapy
PYB360	Interventions For Addictive Behaviours
PYB371	Introduction To Road Safety
PYB372	Traffic Psychology And Behaviour
PYB374	Applying Traffic Psychology

**■ Bachelor of Applied Science (Medical Science) (LS37)****Award title:** Bachelor of Applied Science (Medical Science)**CRICOS code:** 020331D**Location:** Gardens Point**Course duration (full-time):** 3 Years**Course duration (part-time):** 6 Years**Total credit points:** 288**Standard credit points per semester (full-time):** 48**Standard credit points per semester (part-time):** 24**Course coordinator:** Dr Trevor Forster**Special Course Requirements**

Students are required to undertake a four-week work experience program in a practising pathology laboratory. This takes place at

the end of the second year full-time and in a suitable vacation period during the part-time program. This is a requirement for the unit LSB480 Professional Practice.

**Professional Recognition**

Graduates are immediately eligible for graduate membership of the Australian Institute of Medical Scientists and will have completed the academic requirements for admission as Members.

**Course Design**

First year studies that students undertake in chemistry, physics, mathematics, anatomy, physiology, and cell biology in the Bachelor of Applied Science (Medical Science) degree form the basis for the study of clinical areas which follow. Second and third year studies are directed towards these clinical areas, with an emphasis being placed on both theoretical and practical skills in pathological diagnosis. Areas covered include genetics, molecular biology, immunology, diagnostic microbiology, histopathology, haematology clinical biochemistry, and blood transfusion medicine (immunohaematology).

**Course structure - Full-time****Year 1, Semester 1**

LSB118	Life Science
MAB141	Mathematics and Statistics for Medical Science
PCB142	Chemistry 1
PCB150	Physics 1H

**Year 1, Semester 2**

LSB238	Cell and Molecular Biology 1
LSB250	Human Physiology
LSB255	Human Anatomy
PCB242	Chemistry 2

**Year 2, Semester 1**

LSB325	Biochemistry
LSB328	Microbiology 1
LSB338	Cell and Molecular Biology 2
LSB365	Pathology

**Year 2, Semester 2**

LSB425	Quantitative Medical Science
LSB435	Diagnostic Microbiology 1
LSB438	Immunology 1
LSB465	Histopathology 1
LSB480	Professional Practice

**Year 3, Semester 1**

LSB525	Clinical Biochemistry 1
LSB535	Microbial Immunology
LSB555	Haematology 1
LSB565	Histopathology 2

**Year 3, Semester 2**

LSB625	Clinical Biochemistry 2
LSB635	Diagnostic Microbiology 2
LSB655	Haematology 2
LSB665	Immunohaematology

**Course structure - Part-time****Year 1, Semester 1**

LSB118	Life Science
MAB141	Mathematics and Statistics for Medical Science

**Year 1, Semester 2**

LSB238	Cell and Molecular Biology 1
LSB250	Human Physiology

**Year 2, Semester 1**

PCB142	Chemistry 1
PCB150	Physics 1H

**Year 2, Semester 2**

LSB255	Human Anatomy
PCB242	Chemistry 2

**Year 3, Semester 1**

LSB325	Biochemistry
LSB328	Microbiology 1

**Year 3, Semester 2**

LSB425	Quantitative Medical Science
LSB435	Diagnostic Microbiology 1

**Year 4, Semester 1**

LSB338	Cell and Molecular Biology 2
LSB365	Pathology

**Year 4, Semester 2**

LSB438	Immunology 1
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LSB465 Histopathology 1  
LSB480 Professional Practice

#### Year 5, Semester 1

LSB525 Clinical Biochemistry 1  
LSB535 Microbial Immunology

#### Year 5, Semester 2

LSB625 Clinical Biochemistry 2  
LSB635 Diagnostic Microbiology 2

#### Year 6, Semester 1

LSB555 Haematology 1  
LSB565 Histopathology 2

#### Year 6, Semester 2

LSB655 Haematology 2  
LSB665 Immunohaematology

## ■ Bachelor of Applied Science Innovation (SC51)

**Award title:** Bachelor of Applied Science Innovation (Study Area A)

**CRICOS code:** 042262G

**Location:** Gardens Point

**Course duration (full-time):** 3 years

**Course duration (part-time):** For the part-time course structure, please consult the Course Coordinator

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Al Grenfell

**Discipline coordinator:** To be advised (Bioinformatics); To be advised (Chemical Technology); Dr Ian Turner (Scientific Computation & Visualisation)

### Professional Recognition

Graduates can expect to be admitted to the professional association related to the major they choose. Relevant associations include the Australian Biotechnology Association, the Australian Society for Biochemistry and Molecular Biology, the Royal Australian Chemical Institute, and the Australian Mathematical Society.

### Course Design

The Bachelor of Applied Science Innovation is a bachelor-level degree of three years' duration. It is designed to give students a full range of practical and theoretical skills in the science major chosen from Bioinformatics, Chemical Technology, or Scientific Computation and Visualisation. It also equips students with sound business and information technology capabilities related to innovation and the commercialisation of scientific discoveries, enabling students to recognise the worth of scientific innovation and employ business and management skills to contribute to developing discoveries into viable ventures.

*Science Major* (96 credit points)

Eight units at advanced level, including at least four units at third level, constituting one of the majors:

- Bioinformatics;
- Chemical Technology; or
- Scientific Computation and Visualisation

*Science Supporting Units* (84 credit points)

- One mandatory science unit (MAB101 Statistical Data Analysis 1); and
- Six science units that support the advanced level units constituting the major

*Business and Information Technology core units* (72 credit points)

Six specific subjects that introducing business, innovation, communication, and information technology:

- BSB126 Marketing
- ITB225 Introduction to Databases
- ITB310 Information Management
- ITB410 Software Development 1\*

- MGB218 Venture skills
- MIB227 Product Innovation and Market Development

*Elective streams (one to be chosen)* (36 credit points)

- Applicable Computing: Three approved units chosen from the Bachelor of Information Technology course and/or the supercomputing program
- Commercialisation: LSB309 Introduction to intellectual property law; and two approved units from the Bachelor of Business course
- Scientific project: Project: Scientific project unit (eg PCB604 Project; MAB640 Industry Project) and supporting units chosen from:

Advanced level science unit relevant to the project

- BSB311 Research, Development and Commercialisation Strategies
- LSB309 Introduction to Intellectual Property Law
- MAB523 Introduction to Quality Management

\* ITB843 Computing Applications is offered as a substitute unit for Bachelor of Applied Science Innovation students who do not wish to undertake the Applicable Computing stream in the Chemical Technology major.

### Course structure - Major in Bioinformatics

#### Year 1, Semester 1

LSB118 Life Science  
MAB100 Mathematical Sciences 1A  
MAB101 Statistical Data Analysis 1  
PCB142 Chemistry 1

#### Year 1, Semester 2

ITB410 Software Development 1  
LSB238 Cell and Molecular Biology 1  
MAB111 Mathematical Sciences 1B  
PCB242 Chemistry 2

#### Year 2, Semester 1

ITB848 Software Principles  
LSB308 Biochemistry  
LSB338 Cell and Molecular Biology 2  
MAB380 Introduction to Supercomputing

#### Year 2, Semester 2

LSB468 Molecular Biology  
MAB481 Visualisation and Data Analysis  
Core Business / IT unit  
Core Business / IT unit

#### Year 3, Semester 1

LSB537 Genetic Engineering  
MAB580 Scientific Computation  
Core Business / IT unit  
Core Business / IT unit

#### Year 3, Semester 2

LSB608 Protein Science  
LSB619 Genomics  
MAB681 Advanced Visualisation and Data Analysis  
Core Business / IT unit

Note: Applicable Computing (3 information technology / supercomputing units) is incorporated as the elective stream in the Bioinformatics major

### Course structure - Major in Chemical Technology

#### Year 1, Semester 1

MAB101 Statistical Data Analysis 1  
PCB142 Chemistry 1  
PCB150 Physics 1H  
Core Business / IT unit

#### Year 1, Semester 2

MAB100 Mathematical Sciences 1A  
PCB200 Chemical Technology 1  
PCB242 Chemistry 2  
Core Business / IT unit

#### Year 2, Semester 1

PCB305 Principles of Physical Chemistry  
PCB354 Structure and Mechanism in Organic Chemistry  
Core Business / IT unit  
Elective stream unit

#### Year 2, Semester 2

PCB414 Industrial and Environmental Analytical Chemistry

PCB434 Inorganic Chemistry  
PCB444 Spectroscopy  
Core Business/IT unit

**Year 3, Semester 1**

PCB514 Instrumental Analysis  
PCB524 Unit Operations  
Core Business/IT unit  
Elective stream unit

**Year 3, Semester 2**

PCB624 Chemistry in Industry and Technology  
PCB644 Frontiers In Chemistry  
Core Business/IT unit  
Elective stream unit

**Course structure - Major in Scientific Computation and Visualisation****Year 1, Semester 1**

MAB100 Mathematical Sciences 1A  
MAB101 Statistical Data Analysis 1  
Core Business/IT unit  
Core Business/IT unit

**Year 1, Semester 2**

ITB848 Software Principles  
MAB111 Mathematical Sciences 1B  
MAB112 Mathematical Sciences 1C  
MAB220 Computational Mathematics 1

**Year 2, Semester 1**

MAB311 Advanced Calculus  
MAB380 Introduction to Supercomputing  
Core Business/IT unit  
Core Business/IT unit

**Year 2, Semester 2**

MAB210 Statistical Modelling 1  
MAB481 Visualisation and Data Analysis  
Mathematics unit  
Elective stream unit

**Year 3, Semester 1**

MAB580 Scientific Computation  
Mathematics unit  
Core Business/IT unit  
Elective stream unit

**Year 3, Semester 2**

MAB681 Advanced Visualisation and Data Analysis  
Mathematics unit  
Core Business/IT unit  
Elective stream unit

**Mathematics Units****General/Applied Emphasis:**

MAB311 Advanced Calculus  
MAB521 Applied Mathematics 3  
EITHER  
MAB523 Introduction to Quality Management  
OR

MAB621 Discrete Mathematics

**Applied Statistics Emphasis:**

MAB414 Applied Statistics 2  
MAB624 Applied Statistics 3  
EITHER  
MAB523 Introduction to Quality Management  
OR

MAB621 Discrete Mathematics

**Operations Research Emphasis:**

MAB315 Operations Research 2  
MAB525 Operations Research 3A  
EITHER  
MAB625 Operations Research 3B  
OR

MAB523 Introduction to Quality Management  
OR

MAB621 Discrete Mathematics

**Financial Mathematics Emphasis:**

MAB313 Mathematics of Finance  
MAB623 Financial Mathematics  
EITHER  
MAB523 Introduction to Quality Management  
OR

MAB621 Discrete Mathematics

**Applied Mathematics Emphasis:**

MAB413 Differential Equations

MAB521 Applied Mathematics 3  
MAB613 Partial Differential Equations  
*Computational Mathematics Emphasis:*  
MAB420 Computational Mathematics 2  
MAB522 Computational Mathematics 3  
MAB621 Discrete Mathematics

**■ Bachelor of Biotechnology Innovation (Extended) (LS50)**

**Award title:** Bachelor of Biotechnology Innovation

**CRICOS code:** 037681J

**Location:** Gardens Point

**Course duration (full-time):** 4 years

**Course duration (part-time):** 8 years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Chris Collet

**Professional Recognition**

On graduation, students are immediately eligible for graduate membership of the Australian Biotechnology Association and the Australian Society of Biochemistry and Molecular Biology.

**Course structure****Year 1 - Semester 1**

LSB118 Life Science  
LSB309 Introduction to Intellectual Property Law  
MAB101 Statistical Data Analysis 1  
PCB142 Chemistry 1

**Year 1, Semester 2**

BSB115 Management, People And Organisations  
LSB238 Cell and Molecular Biology 1  
LSB258 Human Anatomy and Physiology  
PCB242 Chemistry 2

**Year 2, Semester 1**

BSB110 Accounting  
LSB325 Biochemistry  
LSB338 Cell and Molecular Biology 2  
LSB397 Plant Physiology 1

**Year 2, Semester 2**

BSB119 International And Electronic Business  
LSB468 Molecular Biology  
LSB497 Plant Molecular Biology  
LSB605 Protein Engineering and Bioprocessing

**Year 3, Semester 1**

BSB126 Marketing  
LSB328 Microbiology 1  
LSB509 Medical Biotechnology 1  
LSB577 Plant Biotechnology 1

**Year 3, Semester 2**

AMB251 Innovation And Market Development  
LSB609 Medical Biotechnology 2  
LSB677 Plant Biotechnology 2  
MGB218 Venture Skills

**Year 4, Semester 1**

BSB310 Business And Biotechnology  
LSB409 Readings in Biotechnology  
LSB537 Genetic Engineering  
LSB709 Biotechnology Research Project

**Year 4, Semester 2**

BSB311 Research, Development And Commercialisation Strategies  
LSB619 Genomics  
LSB709/2 Biotechnology Research Project  
LSB709/3 Biotechnology Research Project

**■ Bachelor of Biotechnology Innovation (Standard) (LS50)**

**Award title:** Bachelor of Biotechnology Innovation

**CRICOS code:** 037681J

**Location:** Gardens Point

**Course duration (full-time):** 3 years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Chris Collet

**Special Course Requirements**

The accelerated mode of the course requires students to study in three semesters per year.

**Professional Recognition**

On graduation, students are immediately eligible for graduate membership of the Australian Biotechnology Association and the Australian Society of Biochemistry and Molecular Biology.

**Course Structure*****Year 1, Semester 1***

LSB118 Life Science  
LSB309 Introduction to Intellectual Property Law  
MAB101 Statistical Data Analysis 1  
PCB142 Chemistry 1

***Year 1, Semester 2***

BSB115 Management, People And Organisations  
LSB238 Cell and Molecular Biology 1  
LSB258 Human Anatomy and Physiology  
PCB242 Chemistry 2

***Year 1, Summer Program***

BSB110 Accounting  
BSB119 International and Electronic Business  
BSB126 Marketing

***Year 2, Semester 1***

LSB325 Biochemistry  
LSB328 Microbiology 1  
LSB338 Cell and Molecular Biology 2  
LSB397 Plant Physiology 1

***Year 2, Semester 2***

AMB251 Innovation And Market Development  
LSB468 Molecular Biology  
LSB497 Plant Molecular Biology  
LSB605 Protein Engineering and Bioprocessing  
MGB218 Venture Skills

***Year 3, Semester 1***

BSB310 Business And Biotechnology  
LSB509 Medical Biotechnology 1  
LSB537 Genetic Engineering  
LSB577 Plant Biotechnology 1

***Year 3, Semester 2***

BSB311 Research, Development And Commercialisation Strategies  
LSB409 Readings in Biotechnology  
LSB609 Medical Biotechnology 2  
LSB619 Genomics  
LSB677 Plant Biotechnology 2

***Year 3, Summer Program***

LSB709 Biotechnology Research Project  
LSB709/2 Biotechnology Research Project  
LSB709/3 Biotechnology Research Project



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## Section Three – Course Information

# International College

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## OVERVIEW

QUT International College (QUTIC) provides a variety of programs primarily for international students who seek to bridge their studies to higher education courses at QUT and other Australian universities.

The International College is an integral part of QUT. It contributes to the internationalisation of the university through the delivery of University Entry Programs and English Language Programs which prepare international students for undergraduate and postgraduate study at QUT.

The College provides a variety of pathways to meet the varying needs of students. These include English Language, Foundation, Bridging, Diploma and Postgraduate Pathway programs. Students receive high quality tuition and support in small classes and, at the same time, enjoy the full use of all university facilities including libraries, student services, recreational and computer facilities.

## SENIOR STAFF

*Director, QUT International College:* Ms Elizabeth McDade, TDipCom *Strathclyde*, TCert *Jordanhill*, BEdSt *Qld*, MAcc *Charles Sturt*

*Director of Studies, University Entry Programs:* Ms A. Poiner, BSc, DipEd, BEd, DipPsych *Qld*

*Administration Coordinator, University Entry Programs:* Mrs B. Hosegood, BA (ACS) *Griff*, ATEM

*Director of Studies, English Language Programs:* Mr Ian McGregor, MEd(TESOL), PostGradDipSocSci, GradDipEd, BA

*Administration Officer, English Language Programs:* Ms M. McGrath, AssDip(Bus) *RMIT*.

## COURSES

### ■ Bridging Program (QC03)

**CRICOS code:** 003518A

**Location:** Kelvin Grove

**Course duration (full-time):** 1 Semester

**Total credit points:** 48

**Course coordinator:** Ann Poiner

#### Entry Requirements - Academic

Students must have met the academic entry requirements for their proposed postgraduate or undergraduate course.

#### Entry Requirements- English Language

IELTS 6.0 (no sub-test less than 5.0) or equivalent (NB Students should also check visa requirements)

#### Description

This program provides two alternative streams. Stream A is designed for students who have not met English and/or prerequisite requirements for their chosen undergraduate or postgraduate course. Most students may undertake one degree unit (for credit) whilst enrolled in a Bridging program. Those with advanced standing may be able to undertake two degree units. Stream B is for students who have met English requirements but not prerequisite requirement or who may wish to improve the standard of their academic English. These students may take one or two degree units (for credit) whilst enrolled in the Bridging Program. Both streams include intensive preparation for academic language, lateral thinking, research and presentation skills required for successful tertiary study. Small classes and dedicated staff ensure an excellent learning environment. Additional support is provided by Language and Welfare Advisers.

### Full-time course structure

*Stream A# (for those with IELTS 6.0)*

QCS211 Academic Communication

QCS212 Tertiary Study Skills

QCS230 Computing

DEGREE SUBJECT

*Stream B (for those with IELTS 6.5)*

QCS211 Academic Communication

QCS212 Tertiary Study Skills

DEGREE SUBJECT One

DEGREE SUBJECT Two

Optional unit below

QCS230 Computing

#If you have advanced standing, you may be able to undertake two degree units during your Bridging Program

### ■ English for Academic Purposes for degree programs (QC10)

**CRICOS code:** 011424G

**Location:** Kelvin Grove

**Course duration (full-time):** 12 Weeks

**Total credit points:** 48

**Course coordinator:** Judith Douse

#### Entry requirements - Academic

To be eligible for entry, applicants must either:

1. Have an offer of a place in a QUT degree program and successfully complete the relevant EAP entry test; or
2. Produce original documentary evidence of an IELTS score of a minimum 5.5 with no sub-score less than 5.0 (or approved equivalent).

#### Entry Requirements - English Language

For EAP followed by direct degree entry, students require successful completion of an EAP entry test OR IELTS 5.5 (with no sub-score less than 5.0). For EAP followed by Foundation or Diploma, students require successful completion of an EAP entry test OR IELTS 5.0 (with Reading & Writing sub-scores of at least 5.0) NB Students should also check visa requirements.

#### Description

The aim of the EAP course is to assist international students to upgrade their English proficiency level to meet university entry requirements. The course is designed to prepare students for independent study and to familiarise them with an Australian academic setting in terms of study techniques and student/lecturer relations and expectations. Successful completion of an EAP course is a pathway into QUT International College Foundation, Diploma, Certificate or Bridging programs; or QUT undergraduate or postgraduate award programs. The course is recognised by all QUT faculties.

#### Course structure

##### Modules

The EAP course consists of the following integrated modules

- Seminars and Presentations
- Academic Reading and Note-making
- Academic Writing
- Listening and Note-taking from Lectures
- Speaking in Academic Settings
- Academic Study Skills
- Computer Word-processing and Internet
- Library Research

### ■ English for Academic Purposes for Foundation and University Diploma Programs (QC10)

**CRICOS code:** 011424G

**Location:** Kelvin Grove

**Course duration (full-time):** 12 weeks

**Total credit points:** 48

**Course coordinator:** Judith Douse

### Entry requirements\*

To be eligible for entry, applicants must either:

1. Have an offer of a place in a QUT Foundation or Diploma program and successfully complete the relevant EAP entry test;
- or
2. Produce original documentary evidence of an IELTS score of a minimum 5.0 with reading and writing sub-score of at least 5.0 (or approved equivalent).

\*You should check English language requirements for a Student Visa from your country of origin.

### Rationale

This course is designed for students intending to gain entry to University Entry programs (Foundation and University Diploma). Its purpose is to improve students' English language and study skills in order to prepare them for independent study and to familiarize them with the Australian academic environment.

### Content

The course consists of the following integrated modules:

- Academic reading and note taking.
- Academic writing.
- Listening and note taking from lectures.
- Speaking in an academic setting, including seminar presentations.
- Study skills.
- Assignment preparation and Internet research skills.
- Library research skills.

## ■ Foundation Program (1 Semester) (QC01)

**CRICOS code:** 003287M

**Location:** Kelvin Grove

**Course duration (full-time):** 1 Semester

**Total credit points:** 60

**Course coordinator:** Ann Poiner

### Entry Requirements- Academic

Successful completion of senior high school with the required grades. Students who have attempted further schooling studies, eg GCE A-levels or equivalent may be considered for entry.

Applications will be reviewed individually and applicants will need to meet subject prerequisites.

### Entry Requirements - English Language

IELTS 6.0 with no sub-test less than 5.5 or TOEFL 550 (paper) or TOEFL 213 (CBT) or equivalent (NB Students should also check visa requirements)

### Description

The Foundation Program, which has intakes in February, June and October, provides pathways to QUT award programs (Diploma or Degree). Graduates enjoy a high placement rate in undergraduate courses at QUT and other Australian universities. Successful completion guarantees a place in the first year of the relevant program in all QUT faculties. Small classes and dedicated staff provide an excellent learning environment while additional support is provided by Language and Welfare Advisers. Some students may need intensive English language preparation at the College's English Language Programs prior to entering a Foundation Program.

### Progression

Conditions of progressing to a guaranteed place in First Year of a QUT degree

1. Pass all units
2. Obtain a GPA in the final semester as indicated in the table of Faculty Requirements below.
3. Obtain a grade of 5 (Credit) in Communication 2

4. Obtain no more than one grade of 3 (Low Pass)

Students who do not meet requirements for a guaranteed place in either a QUT degree or University Diploma Program, may still be considered for entry by the relevant faculty.

### Required Foundation Grade Point Average by Faculty

Creative Industries - Required GPA 4.2  
 Humanities & Human Services - Required GPA 4.2  
 Built Environment - Required GPA 4.6  
 Engineering (except Aerospace Avionics) - Required GPA 4.6  
 Health (except Optometry & Psychology) - Required GPA 4.6  
 Science - Required GPA 4.6  
 Business - Required GPA 4.8  
 Law - Required GPA 4.8  
 Information Technology - Required GPA 4.8  
 Health - Psychology - Required GPA 5.0  
 Engineering - Aerospace Avionics - Required GPA 5.8  
 Health - Optometry - Required GPA 5.8

NB Grades in each unit are awarded on a scale from 1 to 7, with 7 being the highest.

### Full-time course structure

#### Semester One

QCF212 Communication 2  
 QCF211 Tertiary Preparation Studies 2  
 + THREE ELECTIVES from the following list, at least 2 must be Level 2 units (denoted by QCF2xx)

QCF220 Accounting 2  
 QCF211 Tertiary Preparation Studies 2  
 QCF250 Mathematics B  
 QCF251 Mathematics C  
 QCF253 Physical Sciences 2  
 QCF210 Applied Psychology  
 QCF230 Information Processing  
 QCF120 Accounting 1  
 QCF121 Economics 1  
 QCF150 Mathematics  
 QCF153 Physical Sciences 1  
 QCF122 Organisations And Management  
 QCF252 Life Science  
 QCF240 Legal Studies

Approved Faculty unit, Creative Industries students only.  
 Approved Diploma unit, Business, IT and Professional Communication students only.

QCF252 and QCF240 are only offered in ALTERNATE semesters.

## ■ Foundation Program (2 Semesters) (QC02)

**CRICOS code:** 003287M

**Location:** Kelvin Grove

**Course duration (full-time):** 2 Semesters

**Total credit points:** 120

**Course coordinator:** Ann Poiner

### Entry Requirements-Academic

Successful completion of senior high school with the required grades.

### Entry Requirements - English Language

IELTS 5.5 with no sub-test less than 5.0 or TOEFL 525 (paper) or TOEFL 197 (CBT) or equivalent (NB Students should also check visa requirements)

### Description

The Foundation Program, which has intakes in February, June and October, provides pathways to QUT award programs (Diploma or Degree). Graduates enjoy a high placement rate in undergraduate courses at QUT and other Australian universities. Successful completion guarantees a place in the first year of the relevant program in all QUT faculties. Small classes and dedicated staff provide an excellent learning environment while additional support is provided by Language and Welfare Advisers. Some students may need intensive English language

preparation at the College's English Language Programs prior to entering a Foundation Program.

**High achieving students** in the first semester may have the opportunity to study up to two University Diploma units in their final semester for credit towards their degree course.

### Progression

Conditions of progressing to a guaranteed place in First Year of a QUT degree

1. Pass all units
2. Obtain a GPA in the final semester as indicated in the table of Faculty Requirements below.
3. Obtain a grade of 5 (Credit) in Communication 2
4. Obtain no more than one grade of 3 (Low Pass)

Students who do not meet requirements for a guaranteed place in either a QUT degree or University Diploma Program, may still be considered for entry by the relevant faculty.

### Required Foundation Grade Point Average by Faculty

Creative Industries - Required GPA 4.2

Humanities & Human Services - Required GPA 4.2

Built Environment - Required GPA 4.6

Engineering (except Aerospace Avionics) - Required GPA 4.6

Health (except Optometry & Psychology) - Required GPA 4.6

Science - Required GPA 4.6

Business - Required GPA 4.8

Law - Required GPA 4.8

Information Technology - Required GPA 4.8

Health - Psychology - Required GPA 5.0

Engineering - Aerospace Avionics - Required GPA 5.8

Health - Optometry - Required GPA 5.8

NB Grades in each unit are awarded on a scale from 1 to 7, with 7 being the highest.

### Full-time course structure

#### Semester One

QCF112 Communication 1

QCF111 Tertiary Preparation Studies 1  
+ THREE ELECTIVES from the following list

QCF120 Accounting 1

QCF121 Economics 1

QCF150 Mathematics

QCF153 Physical Sciences 1

QCF122 Organisations And Management

QCF252 Life Science

QCF240 Legal Studies

QCF252 and QCF240 are only offered in ALTERNATE semesters

#### Semester Two

QCF212 Communication 2

QCF211 Tertiary Preparation Studies 2  
+THREE ELECTIVES, of which at least 2 must be level two units (denoted QCF2xx)

QCF220 Accounting 2

QCF221 Economics 2

QCF250 Mathematics B

QCF251 Mathematics C

QCF253 Physical Sciences 2

QCF210 Applied Psychology

QCF230 Information Processing

QCF120 Accounting 1

QCF121 Economics 1

QCF150 Mathematics

QCF153 Physical Sciences 1

QCF122 Organisations And Management

QCF252 Life Science

QCF240 Legal Studies

APPROVED FACULTY UNIT (Creative Industries students only)

Approved Diploma unit (Business, IT and Prof. Com. students only)

QCF252 and QCF240 are only offered in ALTERNATE semesters

## ■ General English (QC20)

**CRICOS code:** 011426E

**Location:** Kelvin Grove

**Course duration (full-time):** 5 Weeks

**Total credit points:** 16

**Course coordinator:** Ian Davies

### Entry Requirements - English Language

Students should check visa requirements in relation to English entry levels.

### Description

This course offers English language and study skills for students preparing for entry to EAP, Foundation, Certificate and Diploma programs and QUT undergraduate and postgraduate award programs.

There are also non-academic English language courses at all levels from beginners to advanced. These courses include excursions and activities.

All English language courses include 25 hours per week and students may enter every five weeks.

### Objectives

On completion of this course students should have attained a level of proficiency (at the relevant exit level) as indicated in the proficiency statement below:

#### ADVANCED

**Speaking** - Handles a wide range of speaking tasks confidently and competently, and only occasionally lacks accuracy, fluency or flexibility.

**Listening** - Handles a wide range of listening tasks competently, with only minor loss of detail or subtlety.

**Reading** - Reads a wide range of texts competently. Understands most of the content with only minor loss of detail or subtlety.

**Writing** - Writes a wide range of texts competently, with only occasional lapses of appropriateness and accuracy.

#### UPPER-INTERMEDIATE

**Speaking** - Speaks competently in most situations, but may have difficulty with some complex tasks. Some inaccuracies and lapses in fluency may occur. Accent does not affect communication.

**Listening** - Listens competently in most situations. Understands main ideas in a message but may have some difficulty with complex tasks.

**Reading** - Reads most texts competently, but with some loss of detail and subtlety.

**Writing** - Writes most texts competently, but with limited stylistic range. Conveys basic ideas clearly, with some lapses in flow, organisation and cohesion.

#### INTERMEDIATE

**Speaking** - Competent in conveying main ideas in everyday situations, but with some errors and hesitations. Pronunciation may hinder communication.

**Listening** - Listens competently in everyday situations. Usually understands main message but may require repetition.

**Reading** - Reads everyday texts, but with significant loss of detail and subtlety. Reading speed and flexibility limited by frequent need to re-read or refer to a dictionary.

**Writing** - Writes simple descriptive and narrative texts. Organisation inconsistent and stylistic variation limited. Punctuation and spelling often inaccurate.

#### PRE-INTERMEDIATE

**Speaking** - Competent only in simple speech situations. Irrelevancies and errors in structure, vocabulary and pronunciation may be frequent.



Listening - Comprehends in simple situations. Dependent on repetition and clear, slow speech.

Reading - Reads simple texts slowly and understands only isolated ideas.

Writing - Writes simple texts, but with limited organisation or cohesion. Punctuation and spelling often inaccurate.

#### ELEMENTARY

Speaking - Speaks only in the simplest structured situations. Speech often difficult to understand. Little or no proficiency in dialogue.

Listening - Understands only the simplest messages delivered slowly and clearly.

Reading - Reads only the simplest texts slowly.

Writing - Writes only the simplest texts, using limited vocabulary and sentence structure.

### ■ University Diploma in Business (BS40)

**Award title:** University Diploma in Business

**CRICOS code:** 025282A

**Location:** Kelvin Grove

**Course duration (full-time):** 2 Semesters

**Total credit points:** 96

**Course coordinator:** Elizabeth McDade

#### Entry Requirements - Academic

Successful completion of senior high school with the required grades.

#### Entry Requirements - English Language

Queensland Senior English (4) LA or IELTS 5.5 with no sub-test less than 5.0 or TOEFL 525 (paper) or TOEFL 197 (CBT) or equivalent (NB Students should also check visa requirements). Students who have an IELTS score of 5.5 are required to undertake a parallel English program of 2 hours per week. This support unit carries no credit points.

#### Description

The University Diploma in Business, which has intakes for international students in February, June and October, is equivalent to the first year of the Bachelor of Business. In this program, students study six first year faculty core units as well as two units of Communication which have been designed to support their other core units. Students who successfully complete these units earn full academic credit for eight units towards their degree. Graduates articulate to the second year of the Bachelor of Business. Small lectures and tutorials, additional workshops and the support of Language and Welfare Advisers provide an excellent learning environment.

#### Progression

Requirements for progression to the second year of QUT Bachelor of Business:

- minimum grade of 4 (Pass) in at least 7 units
- minimum grade of 3 in no more than one unit
- a Grade Point Average of 4

#### Full-time course structure

##### Semester One

BSD110	Accounting
BSD119	International And Electronic Business
BSD126	Marketing
QCD110	Communication For Business 1
QCD105	Computing And Study Skills

##### Semester Two

BSD113	Economics
BSD114	Government, Business And Society
BSD115	Management, People And Organisations
QCD210	Communication For Business 2

### ■ University Diploma in Information Technology (IT10)

**Award title:** University Diploma in Information Technology

**CRICOS code:** 025283M

**Location:** Kelvin Grove

**Course duration (full-time):** 2 Semesters

**Total credit points:** 96

**Course coordinator:** Elizabeth McDade

#### Entry requirements - Academic

Successful completion of senior high school with the required grades.

#### Entry Requirements - English language

Queensland Senior English (4) LA or IELTS 5.5 with no sub-test less than 5.0 or TOEFL 525 (paper) or TOEFL 197 (CBT) or equivalent (NB Students should also check visa requirements). Students who have an IELTS score of 5.5 are required to undertake a parallel English program of 2 hours per week. This support unit carries no credit points.

#### Description

The University Diploma in Information Technology, which has intakes for international students in February, June and October, is equivalent to the first year of the Bachelor of Information Technology. In this program, students study six first year faculty core units as well as two units of Communication which have been designed to support their other core units. Students who successfully complete these units earn full academic credit for eight units towards their degree. Graduates articulate to the second year of the Bachelor of Technology. Small lectures and tutorials, additional workshops and the support of Language and Welfare Advisers provide an excellent learning environment.

#### Progression

Requirements for progression to the second year of QUT Bachelor of Information Technology:

- minimum grade of 4 (Pass) in at least 7 units
- minimum grade of 3 in no more than one unit
- a Grade Point Average of 4.

#### Full-time course structure

##### Semester One

ITD225	Introduction To Databases
ITD410	Software Development 1
ITD412	Technology Of Information Systems
QCD120	Communication For Information Technology 1
QCD105	Computing And Study Skills

##### Semester Two

ITD510	Communication Networks
ITD411	Software Development 2
ITD107	Programming Laboratory
QCD220	Communication For Information Technology 2

### ■ University Diploma in Professional Communication (IF06)

**Award title:** University Diploma in Professional Communication

**CRICOS code:** 039083D

**Location:** Kelvin Grove

**Course duration (full-time):** 2 Semesters

**Total credit points:** 96

**Course coordinator:** Elizabeth McDade

#### Entry Requirements - Academic

Successful completion of senior high school with the required grades.

#### Entry Requirements - English language

Queensland Senior English (4) LA or IELTS 5.5 with no sub-test less than 5.0 or TOEFL 525 (paper) or TOEFL 197 (CBT) or equivalent (NB Students should also check visa requirements). Students who have an IELTS score of 5.5 are required to

undertake a parallel English program of 2 hours per week. This support unit carries no credit points.

**Description**

The University Diploma in Professional Communication, which has intakes for international students in February, June and October, is equivalent to the first year of the Bachelor of Mass Communication. In this program, students study six first year faculty core units as well as two units of Communication which have been designed to support their other core units. Students who successfully complete these units earn full academic credit for eight units towards their degree. Graduates articulate to the second year of the Bachelor of Mass Communication. Small lectures and tutorials, additional workshops and the support of Language and Welfare Advisers provide an excellent learning environment.

**Progression**

To meet requirements for a guaranteed place in second year of the following QUT Bachelors degrees students must obtain:

1. a minimum grade of 4 (Pass) in at least seven units
2. a minimum grade of 3 (Low Pass) in no more than one unit; and
3. Grade point average  
*Grade Point average of at least 4 for:*  
Bachelor of Mass Communication  
Bachelor of Creative Industries (Interdisciplinary Studies)  
*Grade Point Average of at least 4.5 for:*  
Bachelor of Creative Industries (Media Communication)  
Bachelor of Creative Industries (Creative Writing)  
Bachelor of Journalism  
*Grade Point Average of at least 5.0 for:*  
Bachelor of Creative Industries (Communication Design)

**Full-time course structure****Semester 1**

KKD618 Writing For Creative Industries  
BSD126 Marketing  
QCD110 Communication For Business 1  
QCD105 Computing And Study Skills  
Business Elective

**Semester 2**

KKD218 Creativity  
KKD018 Creative Industries  
QCD210 Communication For Business 2  
AMD201 Market and Audience Research

**Business Electives**

BSD110 Accounting  
BSD113 Economics  
BSD114 Government, Business And Society  
BSD115 Management, People And Organisations  
BSD119 International And Electronic Business

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## Section Three – Course Information

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## ■ Doctor of Philosophy Regulations (IF49)

Please contact individual faculties for details on individual PhD programs.

### Introduction

The main purpose of graduate study is to encourage independence and originality of thought in the quest for knowledge. The Doctor of Philosophy degree is awarded in recognition of a student's erudition in a broad field of learning and for notable accomplishment in that field through an original and substantial contribution to knowledge. The candidate's research must reveal high critical ability and powers of imagination and synthesis, and may be in the form of new knowledge, or of significant and original adaptation, application and interpretation of existing knowledge.

### 1. General Conditions

1.1 The Council of the Queensland University of Technology was established in 1989 under the Queensland University of Technology Act.

1.2 This document sets out the Regulations governing the award of the degree of Doctor of Philosophy (PhD) at the Queensland University of Technology (QUT).

1.3 The Council's power to approve arrangements for the registration and examination of candidates for the degree of PhD at QUT is exercised through a Research Degrees Committee, which shall be a subcommittee of the University Research Committee. In exercising this power, the Research Degrees Committee shall be advised by faculty academic boards, deans of faculties and heads of schools as appropriate.

1.4 The PhD will be awarded subject to the Research Degrees Committee receiving:

- a certificate of satisfactory completion of the candidate's approved course of study signed by the Principal Supervisor, Head of School and endorsed by the faculty;
- a declaration signed by the candidate that she/he has not been a candidate for another tertiary award during the tenure of her/his PhD candidature without the permission of the Research Degrees Committee;
- a declaration signed by the candidate stating original authorship of the thesis;
- an application for the conferral of the degree, signed by the Principal Supervisor, Director of Centre/Res Con, Head of School, stating that the candidate has satisfactorily completed the examination process including completing any revisions or re-examination required by the external examiners; and
- at least one final copy of the thesis in the prescribed format.

### 2. Definitions

2.1 Candidate means any person admitted to the planned program of research leading to the degree of PhD.

2.2 Candidature means the period of study towards the degree of PhD being the period from the date of commencement as advised by the Office of Research until the thesis is submitted for examination or until the candidature is terminated, after which time the candidate holds the status of 'Under Examination'.

2.3 Confirmed candidature means the period of study towards the degree of PhD from the date of successful completion of Confirmation of Candidature as approved by Research Degrees Committee to the approval of the award of the degree of PhD by the University Academic Board.

2.4 Collaborative research group means the group of researchers which is directly involved with the candidate's research project or a larger research project of which the candidate's study forms a part. This does not include other researchers from any collaborating organisation who do not have input into the specific research project.

2.5 The degree of Doctor of Philosophy or (PhD) at QUT signifies that the holder has undertaken a substantial piece of original research which has been conducted and reported under proper academic supervision and in a research environment for a prescribed period. The PhD's contribution to knowledge rests on the originality of the approach and/or interpretation of findings and, in some cases, the discovery of new knowledge. The award of a PhD demonstrates that the candidate has the ability to communicate research findings effectively in the professional arena and in an international context.

2.6 Examination means the formal testing of the candidate's thesis to critically evaluate whether the conditions for the award of the degree of PhD have been met.

2.7 Examination Committee means the committee of external examiners appointed to undertake examination of the candidate's thesis.

2.8 External candidate means a candidate who will undertake his or her study overseas, interstate, remote from Brisbane or at a place of professional employment or another research institution in Brisbane (for example Queensland Institute of Medical Research).

2.9 Faculty means the relevant faculty of QUT.

2.10 Faculty Committee means the duly constituted committee responsible for the management and oversight of postgraduate candidates within the faculty.

2.11 A Final Seminar means the public seminar called by the faculty to determine whether the thesis is acceptable for examination by the Examination Committee.

2.12 Internal candidate means a candidate who will complete his or her study whilst physically attending a campus of QUT.

2.13 Masters by coursework means a master's degree, which has a research component comprising less than 66% of the total course of study.

2.14 Masters by research means a master's degree, which has a research component comprising 66% or more of the total course of study.

2.15 Prescribed Form means the relevant form found via the Research Students Section of the QUT Office of Research Home Page.

2.16 Professional Doctorate (Research) means a doctoral degree at QUT, which has a significant formal coursework component, which is no more than 33% of the total course of study.

2.17 Recognised institution means any tertiary education institution accepted by the Research Degrees Committee for the purposes of these Regulations.

2.18 Research centre/research concentration means the relevant research centre/research concentration of QUT.

2.19 Review Period means a period of up to three months after completion of a progress report, eg the Confirmation of Candidature, Annual report or interim faculty report during which the candidate is required to do more work until the faculty advises the Research Degrees Committee that the candidature should be continued or terminated.

2.20 School means the relevant school of QUT.

2.21 Thesis means the collection of materials submitted by the candidate to the Examination Committee for examination.

### 3. Admission to Candidature

3.1 To gain admission into a planned research program leading to the award of PhD a candidate normally shall hold a relevant first class or second class division A honours degree or equivalent, an appropriate masters degree (by research or coursework), or a professional doctorate, from a recognised institution.

3.2 Masters degrees by coursework and professional doctorates must contain a significant research component, which would

normally be no less than 33% of the total degree in order to qualify an applicant for admission to the PhD program. Normally, applicants holding a masters by coursework or a coursework professional doctorate must have a GPA of at least 5.0 on a 7 point scale or equivalent standing as certified by the faculty in which the candidate wishes to enrol before they may be admitted to PhD candidature.

3.3 Coursework masters and professional doctorates which do not contain the research component defined in Regulation 3.2 are not considered adequate to allow admission to the PhD program unless (a) the applicant can demonstrate a grade point average of at least 5.0 on a 7 point scale in such a course; and (b) an additional level of research experience and potential which is deemed acceptable to the faculty and approved by the Research Degrees Committee. For example, by the publication of articles in refereed research journals.

3.4 Applicants must demonstrate sufficient command of English to complete the proposed course of study in English, that is, the Confirmation Seminar, the Final Seminar, and the written thesis. (Exceptions may apply, see Section 13.2).

#### 4. Application Procedure and Commencement

4.1 Candidature shall have commenced on the date of admission or at some later date as determined by the Research Degrees Committee.

4.2 An application for admission shall be made on the prescribed form and shall involve a two-stage process.

4.3 Stage 1 of the application process must include:

- Doctor of Philosophy Stage 1 Application Form (if the applicant holds citizenship or permanent residency in Australia or New Zealand);
- Application for Admission to QUT as an International Candidate Form F (if the applicant is an international candidate);
- personal data;
- details of relevant professional research experience;
- the proposed field of study;
- brief (200-300 words) outline of the project to be undertaken;
- the centre/research concentration in which the research is to be undertaken; and
- a certified copy of the candidate's academic record.

The application must be approved by the duly constituted faculty committee which will determine whether the applicant meets the criteria for admission (Section 3) or, if deficiencies exist, what they are and how they can be remedied.

4.4 The Stage 2 application must be completed and submitted to the Research Degrees Committee within three months of conditional admission (up to six months for part-time candidates and international candidates) and must include:

- a completed Doctor of Philosophy Stage 2 Application form;
- the proposed title of the thesis;
- the objectives of the program of research and investigation;
- an outline of the proposed research;
- the research methods and plan;
- the relation of the study to previous work in the same field by the candidate and others;
- a preliminary literature review;
- a substantial bibliography;
- a timeline for completion of the proposed research;
- a statement of individual contribution if the proposed plan of study is part of a group project;
- the coursework to be completed;
- a Research Ethics Review Checklist;
- the proposed supervisors and their credentials; and
- an Intellectual Property Agreement if required (ref. Regulation 6.7).

Stage 2 of the application must be approved by the faculty committee and then recommended to the Research Degrees Committee for final approval.

4.5 If the Stage 2 application is not submitted to the Research Degrees Committee within the time specified, the Research Degrees Committee may, on advice from the faculty committee and Principal Supervisor, terminate the candidature. In exceptional cases an extension of approximately three months may be granted in order to meet the conditions of the Stage 2 application.

4.6 To complete Stage 2 of the application process, the faculty shall confirm to the Research Degrees Committee:

- that the applicant's proposed topic of research is consistent with the aims and objectives of the centre/research concentration; and
- that the centre/research concentration is willing and able to provide appropriate accommodation, facilities and physical, human and financial resources for the proposed study for the duration of the candidature.

4.7 Following receipt of the faculty's advice on the Stage 2 application, the Research Degrees Committee shall determine that:

- the applicant be admitted to PhD candidature in which case it shall confirm the appointment of supervisors; or
- the applicant be required to submit further information which shall be considered at a subsequent meeting of Research Degrees Committee; or
- the applicant be admitted to masters by research candidature with the option of later applying to upgrade to PhD candidature (ref. Section 7), or
- the applicant not be admitted;

and may set conditions regarding the offer of admission. An applicant who is not admitted to candidature may re-apply for admission at a later date after addressing issues raised.

#### 5. Enrolment

5.1 Once admitted to PhD candidature, a candidate may enrol either as a full-time or a part-time internal candidate or a full-time or part-time external candidate though restrictions apply to some Scholarship holders.

5.2 To be enrolled as a full-time candidate, a candidate must be able to commit to the course 30 hours per week averaged over each year of candidature. Paid work, including preparation, teaching, marking and research assistant duties, may be undertaken but must not interfere with a candidate's study program. A candidate in receipt of a scholarship is subject to additional restrictions on the amount of paid work allowable as described in the relevant scholarship guidelines.

5.3 A candidate who is unable to devote to the course the proportion of time specified in Regulation 5.2 may enrol as a part-time candidate. A part-time candidate will be expected to progress at half the rate of a full-time candidate: an average of 15 hours per week.

5.4 It is the candidate's responsibility to remain enrolled from the date of commencement until the thesis is submitted for external examination to the Research Students' Section, Office of Research (ref. Section 9).

5.5 The Research Degrees Committee may cancel a candidate's enrolment, having taken account of all relevant documented circumstances and having given the candidate opportunity to show cause why enrolment should not be cancelled if:

- it is of the opinion that the candidate either has effectively discontinued his/her studies or has no reasonable expectation of completing the course of study within the maximum time allowed (ref. Section 8); or
- the quality and progress of research gives no reasonable expectation of successful completion of the degree based on

written/formal communications between the candidate and relevant staff members including supervisor and Centre Director as recorded in progress reports; or

- the candidate's grade point average in coursework undertaken is below 5.00 on a scale of seven or other measure agreed to between candidate and supervisor.

5.6 A candidate whose enrolment has lapsed or has been cancelled and who wishes subsequently to re-enter the course of study to pursue an investigation, which is substantially the same as her/his previous investigation, must apply in writing to the faculty. If the faculty supports the readmission of the candidate, the application will be forwarded to the Office of Research for consideration by the Research Degrees Committee, which may set conditions for readmission to the course.

5.7 Normally, PhD candidates must be affiliated with a centre/or research concentration, which is appropriate to the planned research program. Sole supervisors may be approved by University Research Committee under the terms included in MOPP Appendix 35 [1].

5.8 It is the faculty's responsibility to ensure that candidates are affiliated with the appropriate centre/research concentration. Once the candidate is enrolled, he/she cannot transfer to another centre/research concentration without faculty endorsement, which must incorporate advice from the relevant Centre Directors, and Research Degrees Committee approval. Reasons for transfer include:

- the centre/research concentration ceases to exist;
- the centre/research concentration cannot continue to provide the necessary supervision and/or support;
- the Principal Supervisor transfers to another centre/research concentration, faculty or institution; and
- the candidate asks to be transferred with supportable justification.

Any request for transfer must be made on the prescribed form.

## 6. Planned Research Program

6.1 A candidate for the degree of PhD is required to complete successfully a planned research program that will result in the candidate making a significant individual contribution to the body of knowledge. This contribution may be in the form of new knowledge or of significant and original adaptation, application and interpretation of existing knowledge.

6.2 The planned research program will normally include:

- a program of assessed coursework including the Advanced Information Retrieval Skills unit;
- participation in university scholarly activities such as research seminars, teaching and publication;
- regular interaction with supervisors;
- a program of supervised research and investigation;

and must be such as to enable the candidate to acquire competence in relevant methods of research and scholarship related to the subject of the proposed investigation and to demonstrate sustained independent research effort.

6.3 Coursework in the PhD program demands a capacity for critical analysis and a specialisation of research interests not normally appropriate for an undergraduate program. Such coursework may be conducted in a number of ways:

- as advanced lecture courses;
- as seminars in which faculty and candidates present critical studies of selected problems within the subject field;
- as independent study or reading courses under faculty supervision;
- as research projects conducted under faculty supervision.

In all cases, coursework will be based upon a written plan briefly setting out the educational outcomes expected from the course, a list of topics to be covered, the prescribed reading material and the method of assessment of progress through and at the end of

the course. This coursework will be planned by the candidate and the Principal Supervisor to contribute to, and or, provide structure to the overall program of research.

6.4 Assessed coursework as described in 6.3 will comprise not more than one third of candidature and will normally be completed within the first half of the candidature.

6.5 A candidate is normally expected to pursue the approved program of research and investigation throughout the period of candidature. Where circumstances make significant modification of the program desirable, approval for the proposed change must be sought in writing from the Research Degrees Committee through the faculty committee. Permission to continue the candidature may be given by the Research Degrees Committee in such circumstances provided that the planned research program remains in the same field.

6.6 Where an approved program of research and investigation forms part of the work of a research team or a larger research project, the application must indicate clearly the individual contribution expected to be made by the candidate, her/his individual research activities and responsibilities and the extent to which the work is to be carried out in collaboration with others.

6.7 Where an approved program of research and investigation is carried out jointly in QUT and in an industrial, commercial, professional or research establishment, an outline of the interrelationship of the work to be undertaken at each of the sites in relation to the whole project must be provided as part of the Stage 2 application. An intellectual property agreement must also be completed on the prescribed form.

## 7. Transfer of Candidature from other Research Degrees

### 7.1 Internal Applicants From Within QUT

7.1.1 A person who has completed 12 months full-time equivalent of candidature in a QUT masters by research program or a QUT professional doctorate (research) may apply to the Research Degrees Committee for entry into the PhD if the following conditions have been met:

- (a) meets the requirements outlined in Section 3;
- (b) has demonstrated the capacity to undertake research at the PhD level;
- (c) has a research project that is clearly capable of being extended and converted to PhD level; and
- (d) has completed the Confirmation of Candidature process including the Confirmation Seminar.

A request for transfer must be made on the prescribed form (the Confirmation of Candidature form) and returned to the Office of Research, through the faculty committee, for consideration by the Research Degrees Committee.

7.1.2 A candidate enrolled in a masters by research will only be approved for transfer to PhD candidature when the candidate is able to satisfy all the requirements outlined in Regulation 7.1.1. Where course work has been undertaken as part of the masters by research degree or professional doctorate (research), a transfer normally will be approved only if the candidate has attained a grade point average of at least five on a seven point scale or equivalent standing as certified by the faculty in which the candidate wishes to enrol. Normally a maximum of twelve months' credit from the masters program or professional doctorate (research) may be carried forward to the PhD program.

7.1.3 Applications to transfer into the PhD shall be made on the prescribed form and submitted via the faculty committee, to the Research Degrees Committee for consideration. Such application shall consist of:

- required administrative details;
- reasons for transfer;
- substantial details of progress to date;
- full course of study;

- a time-line for completion of the project;
- a certified copy of the candidate's academic record (if transferring from another recognised institution);
- a formal request for the amount of credit to be granted for previous candidature;
- a Research Ethics Checklist or a copy of QUT Ethics Committee Clearance;
- proposed supervisors and their credentials; and
- an Intellectual Property Agreement if required (ref. Regulation 6.7).

## 7.2 External Applicants From Another Institution

### 7.2.1 PhD, masters or professional doctorate (research)

candidates transferring enrolment to a QUT PhD program from another institution will normally be required to undergo the full QUT Confirmation of Candidature process including presentation of a seminar if transferring after twelve months or more of full-time candidature or part-time equivalent at their former institution unless they have successfully completed an equivalent procedure at their previous institution. Candidates seeking transfer to QUT in under twelve months/full-time or twenty-four months/part time will normally be required to submit a Stage 2 application.

7.2.2 External Transfer application to the PhD shall be made on the prescribed form.

7.2.3 The faculty shall first review the candidate's progress and planned research program and append to the Application for Transfer, a statement which sets out:

- the nature, duration and quality of the work already done, its relevance to the proposed PhD thesis and the recommended amount of credit;
- an appraisal of the candidate's progress and suitability for transfer of candidature and confirmation of PhD candidature;
- an agreement that the proposed research is within the aims and objectives and physical and human resources of the centre/research concentration; and
- an agreement that the centre/research concentration is willing and able to provide the accommodation, facilities and physical and human resources for the duration of the study.

7.2.4 In considering the application for Transfer of Candidature, the Research Degrees Committee shall:

- approve the transfer of candidature, normally confirming PhD candidature, and determine the amount of credit to be allowed, the date of admission and minimum and maximum candidature dates; or
- request changes to the planned research program which must be addressed by the candidate and resubmitted to the Research Degrees Committee; or
- not approve the transfer.

## 8. Place and Conditions of Work

8.1 Internal candidates (part-time and full-time) are expected to carry out their research program in a suitable environment at a QUT Campus.

8.2 The Research Degrees Committee must be satisfied that appropriate arrangements as set out in these Regulations regarding coursework, participation in scholarly activities, supervision, facilities in training and research methods can be made for each candidate including part-time candidates. The Head of School must ensure that accommodation, equipment and access to library and computing facilities meet the needs of the approved planned research program for the duration of the candidature.

8.3 The Research Degrees Committee may permit a PhD candidate to conduct his/her research as an external candidate either elsewhere in Australia or overseas or to approve a change of enrolment from internal to external status or vice versa.

8.4 The candidate and the Principal Supervisor, at Stage 1 of the application process or prior to the requested transfer to external

status, must provide written evidence to the Research Degrees Committee that:

- the arrangement for the research at the external location (normally a recognised research establishment or place of professional employment) meets the normal requirements of the PhD program;
- the candidate has opportunity to participate in scholarly activities;
- academic standards in the conduct of the PhD research can be assured;
- a suitable program of contacts between the candidate and the Principal Supervisor can be maintained and the methods by which this will be achieved are explained;
- a suitable Associate Supervisor will be responsible for regular supervision is available at the external establishment or an explanation as to why this is unnecessary is given;
- a letter of support from the external establishment stating that the resources required for the study are available and accessible to the candidate and will continue to be available for the duration of candidature is provided; and

In exceptional circumstances the candidate, Principal Supervisor and Centre Director may present a case for exemption from the above requirements.

8.5 External candidates must normally spend a minimum of three months at QUT during the course of their candidature and must normally be present for the Confirmation of Candidature and for the Final Seminar presentation (ref. Regulation 16.9) of the thesis.

8.6 In exceptional circumstances, the candidate may be permitted to complete the Final Seminar by video-conference. At least three months notice must be given of this intention to allow the school to make adequate arrangements.

## 9. Period of Time for Completion of Planned Research Program

9.1 The minimum period of candidature is:

- full-time candidates: twenty-four months from the date of commencement
- part-time candidates: forty-eight months from the date of commencement

In special cases, the Research Degrees Committee may approve a shorter period.

9.2 The maximum period of candidature is:

- full-time candidates: forty-eight months from the date of commencement
- part-time candidates: ninety-six months from the date of commencement

9.3 Where a candidate wishes to change from full-time to part-time candidature or vice versa, application must be made on the prescribed form and returned to the Office of Research, through the faculty committee, for consideration by the Research Degrees Committee.

9.4 A candidate must submit his/her thesis to the Research Students' Section, Office of Research, for external examination no later than the maximum candidature date.

9.5 A candidate who does not expect to submit her/his thesis by the maximum candidature date must apply for an extension on the prescribed form and returned to the Office of Research, through the faculty committee, for consideration by the Research Degrees Committee prior to the expiry of her/his maximum candidature date. The application must include the reasons for the delay, the written endorsement of the Principal Supervisor and a revised time-line for completion. Applications for extensions will not normally be considered by the Research Degrees Committee unless the reasons for the delays have been documented in previous annual reports (ref. Section 11).



9.6 The maximum period of extension for which a candidate may be given approval is 12 months past the original maximum candidature date for full-time candidates and 24 months for part-time candidates. In exceptional circumstances, which must be documented, the Research Degrees Committee may approve a further extension. Minor breakdown of computer equipment or absence of the Principal Supervisor are not usually considered exceptional.

9.7 A candidate who wishes to take leave of absence for a specified period from his/her PhD program must apply in advance on the prescribed form and return it to the Office of Research, through the faculty committee, for consideration by the Research Degrees Committee. The application must include the reasons for the leave of absence, the written endorsement of the Principal Supervisor and the start and end dates of the period of leave. If the Research Degrees Committee approves the period of leave of absence, the duration of the specified period will be added to the minimum and maximum submission dates of the candidature.

9.8 The maximum period of leave of absence for which a candidate may be given approval is 12 months for a full-time candidate and 24 months for a part-time candidate during the term of his/her candidature. A candidate who wishes to take leave of absence for a longer period must withdraw from candidature and apply for re-entry at a later date, on the prescribed form.

9.9 A candidate who remains not currently enrolled for a period greater than twelve months will be deemed to have ceased his/her program of study and his/her candidature will be terminated. If a candidate is unable to complete the approved course of study the candidate may apply for transfer to an appropriate master degree.

9.10 Candidates are entitled to receive up to twelve months parental (maternity/paternity/ adoption) leave. The Research Degrees Committee must be notified on the prescribed form and supplied with a medical certificate (and in the case of paternity leave a marriage certificate or statutory declaration showing the candidate's relationship to the mother), and the written endorsement of the Principal Supervisor. Periods of parental leave shall not be included as part of the 12 or 24 month leave of absence maximum.

## 10. Supervision

10.1 Supervision of PhD candidates shall be conducted according to the QUT Code of Good Practice for Postgraduate Research Studies and Supervision (see MOPP Appendix 66)

10.2 A Principal Supervisor and at least one Associate Supervisor from QUT shall be appointed.

10.3 The Principal Supervisor has responsibility for supervising the candidate on a frequent basis and must be a current member of QUT staff or an Emeritus Professor of QUT still active in research. The Principal Supervisor shall have undertaken successful supervision of research degree candidates, shall normally have a PhD and shall have an established research record in the area of the proposed project.

10.4 One Associate Supervisor must be a member of QUT staff. Where appropriate, more than one Associate Supervisor may be appointed and additional Associate Supervisors may be from either QUT or another appropriate industrial, professional, commercial or research establishment. Associate Supervisors should possess appropriate expertise in the research field and normally have undertaken successful supervision of research degree candidates and must indicate their agreement to supervise on the prescribed form. An Associate Supervisor must be appointed from an establishment formally collaborating on a research project.

10.5 For a candidate studying externally, an Associate Supervisor from the external institution linked to the project will normally be appointed. In such cases there will be no requirement for a QUT

based Associate Supervisor as Centre Director would be considered as ex-officio associate.

10.6 A person who is currently a candidate for a PhD (at QUT or elsewhere) may not act as a Principal Supervisor for a PhD candidate at QUT, and should not normally act as an Associate Supervisor unless approved by Research Degrees Committee.

10.7 Where the Principal Supervisor will be absent from QUT for a period of three consecutive months or longer during the period of candidature, the QUT Associate Supervisor will become acting Principal Supervisor for this period.

10.8 If the Principal Supervisor leaves the staff of QUT, the QUT Associate Supervisor will normally fill the role of acting Principal Supervisor immediately and until a new Principal Supervisor is appointed by the faculty, with the agreement of the candidate. A formal appointment of a new Principal Supervisor must be made within three months of the original Principal Supervisor's departure.

## 11. Reporting Procedures

11.1 The Principal Supervisor and candidate are required to report annually on the prescribed form to the Research Degrees Committee on the candidate's progress and research plans. Reporting dates shall be tied to the candidate's commencement date. Reports shall be signed by both the candidate and by the Principal Supervisor and submitted through the faculty committee, Head of School and director of the centre/research concentration to the Office of Research for consideration by the Research Degrees Committee.

11.2 Faculties should develop additional internal policies and procedures for review of candidates' progress between annual reports that ensure unsatisfactory progress is dealt with expeditiously.

11.3 Where the candidate's progress is deemed satisfactory, the Research Degrees Committee shall approve continuation of candidature.

11.4 Where progress is deemed unsatisfactory, in the Confirmation of Candidature, Annual Report or other interim faculty report, the Research Degrees Committee, on advice from the Faculty Research Committee, will normally place the candidate under review for a period of up to three months from the date that the candidate is advised in writing of the decision. The Research Degrees Committee will inform the candidate of the required remedial action to be followed taking account of the advice provided by the Principal Supervisor and the faculty.

11.5 After the Review Period the Faculty Research Committee must forward to the Research Degrees Committee a report on the candidate's progress which will include written documentation of the steps that have been taken to resolve the specified deficiencies in the candidate's program and an assessment of progress during the Review Period. The Research Degrees Committee will then approve continuation of candidature if the progress is deemed satisfactory.

11.6 If progress is still unsatisfactory after the Review Period, the Research Degrees Committee, on advice from the faculty committee, shall ask the candidate to show cause why the enrolment of the candidate should not be terminated (ref. Regulation 12.8).

11.7 A candidate who has been placed under review after an unsatisfactory annual report or interim report established by the faculty may not take leave of absence until the continuation of the candidature has been approved by the Research Degrees Committee.

11.8 When a candidate's progress has been reported to the Research Degrees Committee as unsatisfactory in any two consecutive reports during the candidature, the Research Degrees Committee shall ask the candidate to show cause why the enrolment of the candidate should not be terminated.

11.9 If a candidate fails to submit an annual report through their Principal Supervisor to Research Degrees Committee by the due date without applying, in writing, for an extension on the prescribed form two weeks prior to the due date, the Research Degrees Committee may ask the candidate to show cause why the enrolment of the candidate should not be terminated.

11.10 Applications for extensions of candidature or scholarships or leave of absence due to delays or problems with the planned research program will not normally be considered by the Research Degrees Committee unless the delays or problems have been documented in previous reports.

11.11 If the candidate does not show cause (refer Regulations 11.6, 11.8) why the enrolment should not be terminated, the Research Degrees Committee may terminate the candidate's enrolment or with the agreement of the faculty offer admission to candidature for the degree of master (research).

## 12. Confirmation of Candidature

12.1 Within twelve months of admission for full-time candidates and twenty-four months for part-time candidates, eighteen months for International Candidates, the candidate shall present (in consultation with her/his supervisors) a plan of the research program for the remainder of the candidature and a report on the work done to this point. This confirmation report shall incorporate a substantial literature review and shall provide evidence of the research capacity of the candidate including the rate of progress to this point. The plan shall include:

- the area of study in which the candidate's course is located;
- any remaining coursework to be completed including an assessment plan;
- the nature of participation in scholarly activities of the centre/research concentration, school, or faculty in which the study is being undertaken;
- the objectives of the program of research and investigation and its relationship to published research in the same field;
- the research methods to be followed;
- the title of the thesis; and
- a time-line for completion of the research program.

12.2 The candidate shall present this confirmation report and planned research program at a Confirmation Seminar open to faculty members and the public.

12.3 A candidate who is not able to complete Confirmation of Candidature within the timeframe listed in Regulation 12.1 must apply for an extension at least one month in advance of that deadline through the faculty to the Research Degrees Committee. Normally, a maximum of three months extension may be granted.

12.4 The faculty shall review the candidate's progress and planned research program and shall submit their recommendations on the prescribed form to the Research Degrees Committee. This shall include:

- an appraisal of the candidate's progress and suitability for continuation in the PhD program;
- the documents prepared by the candidate pursuant to Regulation 12.1;
- a statement that the research program is of the standard required for a PhD program;
- statements of whether the studies continue to be within the aims and objectives and physical and human resources of the centre/research concentration; and
- a report on the candidate's seminar.

12.5 Candidates who are undertaking confirmation in order to transfer from a masters by research or a professional doctorate (research) at QUT must complete the confirmation process and should refer to Regulation 7.1.

12.6 In considering the application for Confirmation of Candidature, the Research Degrees Committee will, if the conditions are met:

- confirm the candidature and notify the candidate; or
- may require changes to the planned research program; or
- if the recommendation of the faculty is not to confirm the candidature immediately, place the candidate under review for up to three months).

At the end of the Review Period, the faculty must advise the Research Degrees Committee whether the conditions of the review have been met.

12.7 Where a candidate is placed under review following the Confirmation Seminar, the Principal Supervisor must advise the candidate within seven days of the seminar of the conditions to be met in the form of clear, written guidelines on the work to be completed and due dates for the submission of materials and whether a further Confirmation Seminar is required. The conditions must be endorsed by the candidate, supervisor(s), director of centre/research concentration, the Head of School, chair of the appropriate faculty committee or dean as appropriate and be forwarded within fourteen days to the Office of Research for noting by the Director, Postgraduate Research Studies.

12.8 Where a candidate's progress remains unsatisfactory after the Review Period the Research Degrees Committee, on advice from the faculty, shall either grant a further extension of the Review Period of up to three months or, after giving the candidate the opportunity to show why one of the following courses of action should not be taken:

- terminate the candidature with an offer of admission to the degree of master, or
- terminate the candidature with no such offer.

## 13. Thesis Guidelines

13.1 The thesis must be presented in accordance with the requirements of the Council, including any accompanying declarations and in accordance with Appendix 51 of the Manual of Policies and Procedures - Requirements for Presenting Theses (see MOPP Appendix 51) and the main body of the text must not exceed 100,000 words.

13.2 Except with the specific permission of the Research Degrees Committee the thesis must be presented in the English language. Such permission must be sought at Stage 1 of the application for admission to the PhD program and will not be granted solely on the grounds that the candidate's ability to satisfy the External Examination Committee will be affected adversely by the requirement to present the thesis in English.

13.3 Where a candidate's research program forms part of the work of a research team or larger research project, the thesis must indicate clearly the candidate's individual contribution and the extent to which co-workers contributed to the candidate's program.

13.4 Subject to QUT's intellectual property policy (see MOPP Appendix 22 - 3.1) the copyright of the thesis is vested in the candidate.

13.5 Where a candidate or the sponsoring establishment wishes the thesis to remain confidential for a period of time after the completion of the work, written application for approval stating the reasons must be made to the Research Degrees Committee when the thesis is submitted for external examination. The period normally shall not exceed two years from the date on which the Head of School or nominee recommends acceptance of the thesis to the Research Degrees Committee.

13.6 A candidate may not present in the thesis any work for which another degree or diploma has been awarded by QUT or any other academic institution, but such a candidate shall not be precluded from incorporating extracts from such work in the thesis provided that the sum of any such extracts does not constitute more than 10% of the thesis and provided also that the source of each such extract is stated explicitly.

13.7 Prior approval must be obtained from the Research Degrees Committee for any course of PhD study leading to the presentation of a thesis other than in writing. Full details of the alternative course of study should be provided formally at Stage 2 together with a proposal regarding the form the final thesis and its examination is expected to take.

13.8 A candidate may submit with the thesis other kinds of relevant material (such as films, audio tape recordings, video tape recordings, CD-ROMS, models, software programs, evidence of exhibitions, or other materials for the purposes of illustration) which shall be accompanied by evidence of the extent to which the candidate has been responsible for their preparation.

13.9 A PhD may be awarded on the basis of the submission of published papers as per the Section 14.

13.10 A PhD may be awarded on the basis of the submission of a creative work as per the Regulations set out in Section 15.

13.11 A candidate's name will not be placed on the list for graduation until the final copy of the thesis is received in the Research Students' Section, Office of Research.

13.12 A candidate who passes but is required to make revisions to the thesis after external examination must lodge the final copy of the thesis with the Research Students' Section, Office of Research, no later than 12 months after the date of receipt of examiners' reports or the candidate shall be deemed to have failed unless an extension has been approved by the Research Degrees Committee.

13.13 When the final copy of the thesis has been lodged with the Research Students' Section, Office of Research, the names of the examiners will be released to the candidate on request, providing that the examiner has not indicated otherwise.

#### **14. Presentation of PhD Theses by Published Papers**

##### 14.1 Introduction

14.1.1 The Queensland University of Technology permits the presentation of theses for the degree of Doctor of Philosophy in the format of published and/or submitted papers. Where such papers have been published, accepted or submitted during the period of candidature.

14.1.2 Papers submitted as a PhD thesis must be closely related in terms of subject matter and form a cohesive research narrative.

##### 14.2 Format

14.2.1 The thesis may be comprised of published papers, manuscripts accepted for publication, manuscripts submitted for publication or under review.

14.2.2 The minimum number of papers and/or manuscripts is normally three. At least one paper must have been published, accepted, or be undergoing revision following refereeing.

14.2.3 Where the papers have multiple authorship, the candidate must be principal author on at least two of the three papers and have written permission of the co-authors.

14.2.4 Normally, the thesis shall include the following:

- title page;
- abstract and key words;
- list of publications and/or manuscripts;
- contents;
- statement of original authorship;
- acknowledgments;
- introduction;
- literature review; published papers and submitted manuscripts; and
- general discussion.

14.2.5 The abstract summarises the main findings presented in each published paper or submitted manuscript and should indicate how the included works, when considered together, demonstrate a significant contribution to knowledge in the discipline.

14.2.6 The introduction should contain succinct statements under the following headings:

- description of research problem investigated;
- overall objectives of the study;
- specific aims of the study; and
- account of research progress linking the research papers.

The account of research progress must link together the various papers submitted as part of the thesis. The intention of this Section is to provide continuity for the entire thesis so that the reader can move from one chapter to the next understanding the logic behind the progression of the research program.

14.2.7 The literature review will, of necessity, replicate literature cited in subsequent chapters but must contain a clear statement on the significance of the project aims, a critical review of relevant literature, identification of knowledge gaps, and the relationship of the literature to the experimental program.

14.2.8 Published papers/papers submitted in the following categories may be included but each must be presented as an individual chapter in the thesis:

- published papers;
- manuscripts accepted for publication;
- manuscripts submitted and under review by referees; and
- manuscripts under revision following referees' reports.

14.2.9 Only papers which have been published by or submitted to journals approved by the faculty committee are allowable under these Regulations. Whilst Short Communications and Letters are acceptable, their number should be less than that of full length papers.

14.2.10 Manuscripts which have been rejected by a journal must not be included unless they have been substantially rewritten to address referees' comments as certified in the Final Seminar documentation.

14.2.11 Each chapter comprised of a published paper or submitted manuscript must begin with a clear statement of the contribution made by each author of any jointly authored paper. The description must be sufficiently detailed to describe accurately the contribution of each author.

14.2.12 The thesis must contain an overarching discussion of the main features linking the publications and include a statement of the significance of the findings, problems encountered and the future directions of the work.

##### 14.3 Presentation

14.3.1 The thesis must be presented in accordance with the requirements of the Council, including any accompanying declarations and in accordance with MOPP Appendix 51.

#### **15. Presentation of PhD Theses by Creative Works**

##### 15.1 Introduction

15.1.1 In the case of a thesis submitted in the area of artistic practice, presentation may be in one of two forms: a theoretical thesis or artwork and exegesis. The artwork may be in the form of exhibition, performance, literary work, film, CD Rom or other approved format. The artwork and exegesis will be examined as an integrated whole. The artwork should provide a coherent demonstration that the candidate has reached an appropriate standard in the research and has made a significant and original contribution to knowledge in the area. The exegesis should describe the research process and elaborate, elucidate and place in context the artistic practice undertaken. In the case of visual or performing arts, the examiners will attend the exhibition/performance, at which time they will be given a copy of the exegesis in temporary binding. A final copy of the exegesis will be provided to the examiners within three months of their viewing the artwork.

15.2 Examination of a Creative Work Other Than a Printed Thesis

15.2.1 Where other materials are to be examined, such as in the areas of visual, performing, literary or media arts, the candidate must seek approval from Research Degrees Committee for the form and presentation of the thesis at the time of the Stage 2 application for entry to the PhD program.

15.2.2 Artistic practice may be examined by a theoretical thesis or by artwork and exegesis. The artwork and the exegesis will not be examined separately but as an integrated whole constituting the original and substantial contribution to knowledge required from doctoral candidates.

15.2.3 A theoretical thesis is a written document which would conform in all respects to the remainder of this policy.

15.2.4 Studio-based inquiry may result in a thesis presented by artwork and exegesis. The artwork should be the research outcome, while the exegesis should describe the research process and elaborate, elucidate and place in context the artistic practice undertaken.

15.2.5 The exegesis would normally not exceed 50,000 words and would conform in all respects to the remainder of this policy. It should also contain a description of the form and presentation of the artistic practice which constitutes the remainder of the thesis.

### 15.3 Presentation

15.3.1 The thesis must be presented in accordance with the requirements of the Council, including any accompanying declarations and in accordance with MOPP Appendix 51.

## 16. Examinations

16.1 Any fees payable in relation to the examination of a candidate shall be determined by the Council.

16.2 At least three months prior to the maximum candidature date (or anticipated completion date) the Principal Supervisor having obtained the agreement of the faculty committee, shall recommend to the Research Degrees Committee, on the prescribed form, the composition of a proposed Examination Committee and the title of the candidate's thesis.

16.3 The Examination Committee shall comprise two external examiners who will examine the thesis plus an additional external examiner to be called upon only if the first two examiners are in disagreement. (ref. Section 18)

16.4 In exceptional circumstances, the Research Degrees Committee may act directly to facilitate the examination process of a thesis including the appointment of examiners.

16.5 Any person who has acted as the candidate's Principal or Associate Supervisor; or participated in the candidate's research group or in any capacity where a conflict of interest is seen to exist may not be nominated by the faculty as an examiner. (refer to MOPP Appendix 9 - QUT Code of Conduct - Integrity - section (e))

16.6 Examiners must have demonstrable and substantial publications and research experience in the area under investigation, preferably have a PhD and be widely recognised in the relevant field. At least one of the nominated examiners should be from an internationally recognised university or equivalent research institution. However all of the examiners may be from Australian institutions provided that they are widely recognised as experts with demonstrable and substantial publications and research experience in the relevant field of research. At least one examiner must also have had substantial experience of examining research degree candidates at the doctoral level. Agreement will be sought from examiners to examine the thesis within 8 weeks of receipt of the thesis.

16.7 If more than six months has elapsed between the nomination of examiners and the submission of the thesis, the faculty must notify the Research Degrees Committee that the nominated examiners are still willing and able to examine the thesis within two months of its receipt. If any previously nominated examiner

is unable to examine the thesis, a replacement examiner must be nominated by the Principal Supervisor with the agreement of the faculty for approval by the Research Degrees Committee.

16.8 In order to determine whether the thesis is acceptable for examination by the Examination Committee, the candidate shall be required to present a Final Seminar based on the work described in the thesis to the faculty to which he/she is attached.

- This final seminar shall normally take place no more than six months prior to the anticipated submission date.
- The faculty shall constitute a panel of three including the Principal Supervisor to attend the seminar and to report on the readiness of the thesis for external examination. The panel shall be chaired by the Principal Supervisor, and shall question the candidate on the content of the thesis at the conclusion of the seminar. Each member of the panel must receive a copy of the draft thesis 14 days prior to the final seminar.
- The panel may require changes to the thesis or ask that further work be done prior to submission of the thesis. The thesis is accepted by the University for external examination only when the panel signifies its belief that the degree requirements have been met. The faculty panel shall use the prescribed form when advising Research Degrees Committee that the thesis is ready for external examination.
- The final seminar shall be open to the public and shall be widely advertised by the faculty so as to ensure attendance by researchers and research students within the faculty.
- In all other matters the form and timing of the final seminar is determined by the faculty.

16.9 The thesis must be accompanied by a certificate endorsed by the Principal Supervisor, Head of School or nominee, and the faculty committee stating that all reasonable efforts have been made by the faculty to ensure that:

- the thesis makes an original and significant contribution to the field of research;
- the methodology applied in the candidate's research is effective and appropriate for the thesis topic and the PhD;
- the thesis reflects competence in the survey of literature and documentation of statements;
- the thesis is of the required standard for external examination;
- the thesis is within the prescribed word limit;
- the candidate has presented a Final Seminar;
- that an external candidate has spent at least three months minimum at QUT during the course of his/her enrolment; and
- original correspondence from editors has been sighted and that editorial advice has been followed in the manuscripts submitted for examination (if applicable) and
- acknowledgment is given regarding the inclusion of all published and other sources of information, together with any substantial financial assistance received for the project.

16.10 In exceptional circumstances, the Research Degrees Committee may allow a candidate to submit his or her thesis for external examination without the requirement for certification (ref. Regulation 16.9). The candidate must apply in writing to the Research Degrees Committee for such permission, outlining the reasons why the required certification is not included.

16.11 Three copies of the thesis, in the prescribed format must be submitted to the Research Students' Section, Office of Research, no later than the maximum candidature date.

16.12 The Office of Research, on the advice of the Research Degrees Committee, shall provide the examiners with a copy of the thesis and of the Council's Regulations for the Award of the Degree of Doctor of Philosophy, and any other relevant information.

16.13 Each examiner will be asked to provide a written report to the Office of Research on the candidate's thesis and to recommend one of the following courses of action:

Recommendation 1: The candidate should be awarded the degree without the requirement for revision, further examination or modification (minor corrections and typographical errors only); or

Recommendation 2: The candidate should be awarded the degree subject to minor nominated revisions being completed to the satisfaction of the Head of School and Principal Supervisor; or

Recommendation 3: The candidate should be awarded the degree following the completion of major nominated revisions to the satisfaction of the Head of School and Principal Supervisor; or

Recommendation 4: The candidate should be permitted to substantially revise and submit the thesis for re-examination within twelve months after a specified amount of further work, which may alter the substantive conclusions of the thesis, has been completed under approved supervision and the thesis appropriately amended to reflect the additional research; or

Recommendation 5: The candidate should be awarded the degree at Master's level: without the requirement for further revision or further examination; subject to nominated revisions being completed to the satisfaction of the Head of School and Principal Supervisor; subject to revision and submission for re-examination after completion of further work; or

Recommendation 6: The thesis should be rejected, the degree should not be awarded and the candidate should not be permitted to submit the thesis for re-examination for the degree.

16.14 After both examiners' reports are received the Office of Research will forward them to the Head of School or nominee, the Principal Supervisor and the candidate with an appropriate covering letter. (Until such time as the examination process is complete the identity of the examiners will be withheld from the candidate.)

### 17. Examiners in Agreement

17.1 Where both examiners recommend that the candidate should be awarded the degree (recommendation 1, 2 or 3) the Head of School, or nominee will consult with the Principal Supervisor, Centre Director and Postgraduate Studies coordinator to discuss any corrections or revisions that the candidate may be required to make and where revisions are required.

17.2 When all corrections or revisions have been made to the satisfaction of the Head of School or nominee and the Principal Supervisor, the Head of School or nominee and the Principal Supervisor must certify to the Research Degrees Committee that they recommend acceptance of the thesis in fulfilment of the conditions for the award of the PhD degree.

17.3 Where both examiners recommend that the thesis be revised and resubmitted for examination (Examiners Report Recommendation 4), after consultation with the Principal Supervisor and the Centre Director, the Head of School or nominee will make written recommendation to the Research Degrees Committee within 7 days of the receipt of the Examiners Reports listing any revisions required. Once these are approved by the Research Degrees Committee, the Research Degrees Committee will inform the candidate of the revisions and/or any action required

17.4 Where both examiners recommend that the candidate should be awarded the degree at master's level, (Recommendation 5), the Head of School or nominee will consult with the Principal Supervisor to discuss any revisions that the candidate may be required to make and forward a recommendation to the Research Degrees Committee. Once approved the Head of School will meet with the Centre Director and Principal Supervisor to discuss outcome with the Principal Supervisor responsible for informing the candidate of the decision.

### 18. Examiners Not In Agreement

18.1 Where the recommendations of the external examiners are not in agreement as to whether the thesis should be accepted for

the award of PhD or as to whether the thesis may be revised and resubmitted the thesis will be sent to the third nominated examiner.

18.2 Upon receipt of the third examiner's report, a majority decision shall be adopted.

18.3 Where the majority decision is that the thesis be accepted for the award or the thesis be accepted for the award of a masters degree or the thesis be rejected and the candidate not be permitted to resubmit, the procedures in Section 17 shall apply.

18.4 Where the majority decision is that the candidate be required to submit for re-examination or the thesis fail, the procedures in Section 17 shall apply.

18.5 Where the recommendations of the three examiners clearly differ and no clear majority exists, the Head of School or nominee shall liaise with the Director, Postgraduate Research Studies, and the Principal Supervisor to determine the further course of action which may involve any of the outcomes listed in Regulation 16.13.

### 19. Re-examination

19.1 A candidate who is required to submit for re-examination may be re-examined only once except in the case of an upheld appeal.

19.2 Re-examination shall take place within twelve months from the date on which the candidate is advised in writing by the Head of School or nominee of such re-examination. The Research Degrees Committee may, on written application by the candidate and supported by the Principal Supervisor and Centre Director with suitable justification, approve an extension to this period which, under normal circumstances, may be a maximum of a further twelve months.

19.3 A candidate who is required to submit his/her thesis for re-examination must re-enrol in the PhD program.

19.4 The thesis shall be re-examined by the same two examiners unless:

- any of the examiners is unable to re-examine the thesis in which case the Head of School or nominee with the agreement of the Principal Supervisor and the faculty shall nominate a replacement examiner(s) who must be approved by the Research Degrees Committee; or the Research Degrees Committee replaces one or more of the examiners on advice from the RDC Chair and with suitable justification.

19.5 Examiners re-examining a thesis will be asked to provide a written report on the candidate's thesis and to recommend one of the following courses of action:

- (a) the candidate should be awarded the degree with or without minor nominated revisions; or
- (b) the candidate should be awarded the degree at masters level with or without minor nominated revisions; or
- (c) the thesis should be rejected and the degree should not be awarded.

19.6 Regulations applicable to PhD examination shall apply to the re-examination.

### 20. Appeals

20.1 A candidate whose thesis has been failed or whose thesis has been recommended for the award of the degree of master may lodge an appeal against the outcome of the examination process.

20.2 The grounds for appeal may be on matters of process only, ie procedural irregularities in the conduct of the examination or documented evidence of examiner bias as evidenced by comments in the examiners reports.

20.3 An appeal must be lodged within sixty (60) days of the date of written advice from the Office of Research on the outcome of the examination. This appeal must include the specific grounds on which the appeal is based.

20.4 Appeals as described in Section 20 must be submitted, in writing, to the Office of the Pro-Vice-Chancellor (Research and Advancement). The Director, Postgraduate Research Studies, will determine whether a potential conflict of interest exists in relation to her/his consideration of the appeal.

20.5 In cases where a conflict of interest exists, the Director, Postgraduate Research Studies, will appoint a member of academic staff, with expertise in research candidate supervision, to consider the appeal.

20.6 The Director, Postgraduate Research Studies, or appointee will decide whether a case exists and may seek the advice of the faculty, school or centre/research concentration as appropriate.

20.7 The appeal may be allowed or dismissed. If an appeal is allowed, the Director, Postgraduate Research Studies, or appointee cannot recommend that the degree be awarded but shall recommend that: the thesis be re-examined. This re-examination shall be carried out in accordance with the Section 19 taking account of the issues raised in the successful appeal.

20.8 The Director, Postgraduate Research Studies, or appointee will make a determination on the appeal as soon as practicable and will advise appellants, in writing, of the result of the appeal.

## ■ Master of Business Administration/Master of Information Technology (IF18/IF13)

**Award title:** Master of Business Administration/Master of Information Technology

**CRICOS code:** 037551G

**Location:** Gardens Point

**Course duration (full-time):** 5 semesters

**Course duration (part-time):** 10 semesters

**Total credit points:** 240

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Caroline Ann Hatcher for BGSB, Faculty of Business; Dr Alison Anderson, Faculty of Information Technology.

### Entry requirements

A minimum of an undergraduate degree from a recognised tertiary institution, two years' managerial experience and a GMAT test score of 550 or higher (or equivalent). Individual entry requirements will vary depending on the amount of managerial and related work experience, level of tertiary qualifications and/or GMAT score.

For entry into IF14 applicants must have:

- A bachelors degree in a discipline other than Information Technology with grade point average of at least 4.5 (7 point scale); and
- Have successfully completed, at undergraduate level, an introductory programming unit in a block structured language, for example: c, Java, Modula 2 or Pascal; or
- Provide other evidence of such qualifications and level of performance, as will satisfy the Dean of the Faculty of Information Technology that the applicant possesses the capacity to pursue the course of study.

To be considered for the MBA program an applicant must be proficient in the English language, demonstrated by:

- English as their first language or language of instruction at undergraduate level, or
- IELTS score of greater than or equal to 6.5, or
- IELTS score between 6.0 and 6.49 and the successful completion of two Business English units through QUT International College.

### Course Design

This double degree combines the core course structure of the Master of Business Administration (MBA) (GS20) with the standard course structure of the Master of Information

Technology for non-IT graduates (IT45). 240 credit points in total.

Note that BGSB units are 6 credit points and 7 weeks in duration, some being held during the first half of semester, and others being held during the second half of semester. The Faculty of Information Technology units are 12 credit points and 13 weeks in duration, being held for the entire duration of semester.

Students may exit with a Master of Business Administration (MBA)/Graduate Diploma in Information Technology if 192 credit points have been completed and the requirements for that course have been satisfied.

### Course structure - Non-IT Graduates

#### Semester 1, First Half

GSN408 Fundamentals of Marketing Management  
GSN401 Managing In The Global Business Environment  
GSN407 Business Communication  
GSN410 Entrepreneurship

#### Semester 1, Second Half

GSN402 Strategic Use Of Information Technology  
GSN403 Understanding Data  
GSN404 Financial Statements Analysis 1  
GSN409 Organisational Behaviour 1

#### Semester 2, First Half

GSN405 Strategic Management  
GSN411 Economics Of Strategy 1  
GSN413 Financial Management 1  
GSN415 Leadership 1

#### Semester 2, Second Half

GSN406 Human Resource Management Issues  
GSN412 Business Law 1  
GSN414 Business Conditions Analysis 1  
GSN416 Business Plans 1

#### Semester 3

ITN212 Information Modelling For Databases  
IT Elective: IT Management Unit (Semester long unit) - Selected from list A  
IT Elective: IT Management Unit (Semester long unit) - Selected from list A  
IT Elective: IT Management Unit (Semester long unit) - Selected from list A

#### Semester 4

ITN410 Software Principles  
ITN510 Data Communications  
IT Elective Unit (semester long unit) - refer MInfoTech course structure  
IT Elective Unit (semester long unit) - refer MInfoTech course structure

#### Semester 5

IT Elective Unit (semester long unit) - refer MInfoTech course structure  
IT Elective Unit (semester long unit) - refer MInfoTech course structure  
IT Elective Unit (semester long unit) - refer MInfoTech course structure  
IT Elective Unit (semester long unit) - refer MInfoTech course structure  
IT Elective Unit (semester long unit) - refer MInfoTech course structure  
\*International students may choose to undertake IBN440 Business in Australia, IBN435 Business In Australia 1 and IBN441 Business in Australia 2 in their first semester of study instead of GSN410 and GSN409, and defer these two core units to a later teaching period. International students gain credit for IBN435 as an IT Management elective unit.

### List A: IT Management Units

ITN212 Information Modelling For Databases  
Three of the following IT Management electives:  
ITN220 Major Issues In Information Technology  
ITN252 Process Engineering  
ITN255 Knowledge Management  
ITN266 Principles Of Information Management  
ITN267 Data Warehousing For Decision Support  
ITN330 Information Issues

## ■ Master of Business Administration/Master of Information Technology (IT Graduates) (IF19/IF15)

**Award title:** Master of Business Administration/Master of Information Technology

**CRICOS code:** 037551G

**Location:** Gardens Point

**Course duration (full-time):** Full-time students may complete the course in a minimum of 5 semesters

**Course duration (part-time):** 10 semesters

**Total credit points:** 240

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Caroline Ann Hatcher for BGSB, Faculty of Business; Mr Robert Smyth, Faculty of Information Technology.

### Entry Requirements

A minimum of an undergraduate degree from a recognised tertiary institution, two years' managerial experience and a GMAT test score of 550 or higher (or equivalent). Individual entry requirements will vary depending on the amount of managerial and related work experience, level of tertiary qualifications and/or GMAT score.

For entry into IF17 applicants must have:

- A bachelors degree in Information Technology with grade point average of at least 4.5 (7 point scale); or
- Provide other evidence of such qualifications and level of performance, as will satisfy the Dean of the Faculty of Information Technology that the applicant possesses the capacity to pursue the course of study.

To be considered for the MBA program an applicant must be proficient in the English language, demonstrated by:

- English as their first language or language of instruction at undergraduate level, or
- IELTS score of greater than or equal to 6.5, or
- IELTS score between 6.0 and 6.49 and the successful completion of two Business English units through QUT International College.

### Course Design

This double degree combines the core course structure of the Master of Business Administration (MBA) (GS20) with the standard course structure of the Master of Information Technology for IT graduates (IT40). 240 credit points in total.

Note that BGSB units are 6 credit points and 7 weeks in duration, some being held during the first half of semester, and others being held during the second half of semester. The Faculty of Information Technology units are 12 credit points and 13 weeks in duration, being held for the entire duration of semester.

Students may exit with a Master of Business Administration (MBA)/Graduate Diploma in Information Technology if 192 credit points have been completed and the requirements for that course have been satisfied.

### Course structure - IT Graduates

#### Semester 1, First Half

GSN401	Managing In The Global Business Environment
GSN407	Business Communication
GSN408	Fundamentals of Marketing Management
GSN410	Entrepreneurship

#### Semester1, Second Half

GSN402	Strategic Use Of Information Technology
GSN403	Understanding Data
GSN404	Financial Statements Analysis 1
GSN409	Organisational Behaviour 1

#### Semester 2, First Half

GSN405	Strategic Management
GSN411	Economics Of Strategy 1
GSN413	Financial Management 1

GSN415 Leadership 1

#### Semester 2, Second Half

GSN406	Human Resource Management Issues
GSN412	Business Law 1
GSN414	Business Conditions Analysis 1
GSN416	Business Plans 1

#### Semester 3

IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure  
 IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure  
 IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure  
 IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure

#### Semester 4

IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure  
 IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure  
 IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure  
 IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure

#### Semester 5

IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure  
 IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure  
 IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure  
 IT Elective: IT Management Unit (semester long unit) - Refer MInfoTech course structure  
 \*International students are normally required to undertake IBN435 Business in Australia in their first semester of study instead of GSN410 and GSN409, and should defer these two core units to a later teaching period. This requirement would be waived for students undertaking the double degree program if sufficient evidence can be provided that they have undertaken similar studies in a prior degree, or have worked or studied previously in Australia. International students gain credit for IBN435 as an IT Management elective unit.

### List A: IT Management Units

Four of the following IT Management electives:

ITN215	Management Support Systems
ITN220	Major Issues In Information Technology
ITN252	Process Engineering
ITN255	Knowledge Management
ITN330	Information Issues
ITN341	Information Policy And Planning
ITN343	Principles Of Information Management
ITN355	Information Resources For Business And Industry

## ■ Master of Creative Industries (Arts Management & Creative Enterprise) (IF04)

**Award title:** Master of Creative Industries

**CRICOS code:** 040290J

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 3 semesters full-time

**Course duration (part-time):** 6 semesters part-time

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Creative Industries: Dr Terry Flew, B Block; Business: Dr Jennifer Radbourne

### Entry Requirements

A bachelor degree with a GPA of 5.0 or higher OR professional experience in the creative industries approved by the Course Coordinator.

### Full-time Course Structure - Arts Management

#### Year 1, Semester 1

GSN226	Arts Policy And Strategy
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GSN401 Managing In The Global Business Environment  
 GSN408 Fundamentals of Marketing Management  
 KCP018 Creative Industries  
 GSN228 Marketing Arts And Culture

**Year 1, Semester 2**

GSN232 Fundraising Principles  
 OR  
 Arts & Cultural Management  
 GSN225 Business Development In Creative Industries  
 GSN227 Arts And Cultural Management  
 KCP336 New Media Technologies  
 OR  
 Creative Industries Elective

**Year 2, Semester 1**

KCP353 Creative Industries Research Seminar  
 Choose 36 credit points from the following:  
 KCP354 Creative Industries In Asia  
 KCP355 Creative Industries Project  
 KCP356 Creative Industries Placement 1  
 KCP357 Creative Industries Placement 2

**Part-time Course Structure - Arts Management**

**Year 1, Semester 1**

GSN401 Managing In The Global Business Environment  
 GSN408 Fundamentals of Marketing Management  
 KCP018 Creative Industries

**Year 2, Semester 2**

GSN225 Business Development In Creative Industries  
 KCP336 New Media Technologies  
 OR  
 Creative Industries Elective

**Year 2, Semester 1**

GSN226 Arts Policy And Strategy  
 GSN228 Marketing Arts And Culture

**Year 2, Semester 2**

GSN227 Arts And Cultural Management  
 GSN232 Fundraising Principles  
 OR  
 Elective

**Year 3, Semester 1**

KCP353 Creative Industries Research Seminar  
 Choose 12 credit points from the following:  
 KCP354 Creative Industries In Asia  
 KCP356 Creative Industries Placement 1  
 KCP357 Creative Industries Placement 2

**Year 3, Semester 2**

Choose 24 credit points from the following:  
 KCP353 Creative Industries Research Seminar  
 KCP355 Creative Industries Project  
 KCP356 Creative Industries Placement 1  
 KCP357 Creative Industries Placement 2

**Full-time Course Structure - Creative Enterprise**

**Year 1, Semester 1**

GSN401 Managing In The Global Business Environment  
 GSN408 Fundamentals of Marketing Management  
 KCP018 Creative Industries  
 Choose two units (24 credit points) from the following:  
 GSN410 Entrepreneurship  
 GSN420 New Venture Strategy  
 KCP110 Global Media and Communication Policy  
 KCB349 Media Audiences

**Year 1, Semester 2**

GSN225 Business Development In Creative Industries  
 KCP336 New Media Technologies  
 OR  
 Creative Industries Elective  
 Choose two units from the following:

GSN232 Fundraising Principles  
 GSN449 Public Sector And Social Marketing 1  
 GSN450 Public Sector And Social Marketing 2  
 GSN227 Arts And Cultural Management  
 KCB348 Applied Media Communication  
 LWN099 Intellectual Property Law  
 LWN120 Select Issues In Media Law And Policy

**Year 2, Semester 1**

KCP353 Creative Industries Research Seminar  
 Choose 36 credit points from the following:  
 KCP354 Creative Industries In Asia

KCP355 Creative Industries Project  
 KCP356 Creative Industries Placement 1  
 KCP357 Creative Industries Placement 2

**Part-time Course Structure - Creative Enterprise**

**Year 1, Semester 1**

GSN401 Managing In The Global Business Environment  
 GSN408 Fundamentals of Marketing Management  
 KCP018 Creative Industries

**Year 1, Semester 2**

GSN225 Business Development In Creative Industries  
 KCP336 New Media Technologies  
 OR  
 Creative Industries Elective

**Year 2, Semester 1**

Choose two units (24 credit points) from the following:  
 GSN410 Entrepreneurship  
 GSN420 New Venture Strategy  
 GSN449 Public Sector And Social Marketing 1  
 GSN450 Public Sector And Social Marketing 2  
 KCP110 Global Media and Communication Policy  
 KCB349 Media Audiences

**Year 2, Semester 2**

Choose two units from the following:  
 GSN232 Fundraising Principles  
 KCB348 Applied Media Communication  
 LWN099 Intellectual Property Law  
 LWN120 Select Issues In Media Law And Policy

**Year 3, Semester 1**

KCP353 Creative Industries Research Seminar  
 Choose 12 credit points from the following:  
 KCP354 Creative Industries In Asia  
 KCP356 Creative Industries Placement 1

**Year 3, Semester 2**

Choose 24 credit points from the following:  
 KCP355 Creative Industries Project  
 KCP356 Creative Industries Placement 1  
 KCP357 Creative Industries Placement 2

**■ Graduate Diploma in Creative Industries  
 (Arts and Cultural Management) (IF02)**

**Award title:** Graduate Diploma in Creative Industries

**CRICOS code:** 040291G

**Location:** Gardens Point

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 3-4 semesters part-time

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24 Credit Points Part-time

**Course coordinator:** Creative Industries: Dr Terry Flew, B Block; Business: Dr Jennifer Radbourne

**Entry Requirements**

A bachelor degree with a GPA of 5.0 or higher OR professional experience in the creative industries approved by the Course Coordinator.

**Course Structure – Full-time**

**Year 1, Semester 1**

GSN226 Arts Policy And Strategy  
 GSN401 Managing In The Global Business Environment  
 GSN408 Fundamentals of Marketing Management  
 KCP018 Creative Industries  
 AMN481 Fundraising Principles  
 OR  
 Arts and Cultural Management Elective

**Year 1, Semester 2**

GSN225 Business Development In Creative Industries  
 GSN227 Arts And Cultural Management  
 GSN228 Marketing Arts And Culture  
 KCP336 New Media Technologies  
 OR  
 Creative Industries Elective



**Course structure - Part-time****Year 1, Semester 1**

GSN401	Managing In The Global Business Environment
GSN408	Fundamentals of Marketing Management
KCP018	Creative Industries

**Year 1, Semester 2**

GSN225	Business Development In Creative Industries
KCP336	New Media Technologies
	OR
	Creative Industries Elective

**Year 2, Semester 1**

GSN226	Arts Policy And Strategy
GSN228	Marketing Arts And Culture
	OR
	Arts and Cultural Management Elective

**Year 2, Semester 2**

GSN227	Arts And Cultural Management
GSN232	Fundraising Principles

## ■ Graduate Diploma in Creative Industries (Creative & Media Enterprises) (IF03)

**Award title:** Graduate Diploma in Creative Industries (Creative & Media Enterprises)

**CRICOS code:** 040292G

**Location:** Gardens Point

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48 Credit Points Full-time

**Course coordinator:** Creative Industries: Dr Terry Flew, B Block; Business: Dr Jennifer Radbourne

**Entry Requirements**

A bachelor degree with a GPA of 5 or higher OR professional experience in the creative industries approved by the course coordinator.

**Course structure – Full-time****Year 1, Semester 1**

GSN401	Managing In The Global Business Environment
GSN408	Fundamentals of Marketing Management
KCP018	Creative Industries

Choose two units from the following:

GSN410	Entrepreneurship
GSN420	New Venture Strategy
KCP110	Global Media and Communication Policy
KCB349	Media Audiences
GSN449	Public Sector And Social Marketing 1
GSN450	Public Sector And Social Marketing 2

**Year 1, Semester 2**

GSN225	Business Development In Creative Industries
KCP336	New Media Technologies
	OR
	Creative Industries Elective

Choose two units from the following:

GSN227	Arts And Cultural Management
KCB348	Applied Media Communication
LWN099	Intellectual Property Law
LWN120	Select Issues In Media Law And Policy

**Course structure – Part-time****Year 1, Semester 1**

GSN401	Managing In The Global Business Environment
GSN408	Fundamentals of Marketing Management
KCP018	Creative Industries

**Year 1, Semester 2**

GSN225	Business Development In Creative Industries
KCP336	New Media Technologies
	OR
	Creative Industries Elective

**Year 2, Semester 1**

Choose two units from the following:

GSN410	Entrepreneurship
GSN420	New Venture Strategy
GSN449	Public Sector And Social Marketing 1

GSN450	Public Sector And Social Marketing 2
KCP110	Global Media and Communication Policy
KCB349	Media Audiences

**Year 2, Semester 2**

Choose two units from the following:

GSN227	Arts And Cultural Management
KCB348	Applied Media Communication
LWN099	Intellectual Property Law
LWN120	Select Issues In Media Law And Policy

## ■ Graduate Certificate in Creative Industries (IF01)

**Award title:** Graduate Certificate in Creative Industries

**Location:** Gardens Point

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24 Credit Points Part-time

**Course coordinator:** Creative Industries: Dr Terry Flew, B Block; Business: Dr Jennifer Radbourne

**Entry Requirements**

A bachelor degree with a GPA of 5 or higher OR professional experience in the creative industries approved by the course coordinator.

**Part-time Course structure****Semester 1**

KCP018	Creative Industries
GSN401	Managing In The Global Business Environment
GSN408	Marketing Management

**Semester 2**

GSN225	Business Development In Creative Industries
KCP336	New Media Technologies
	OR
	Creative Industries Elective

## ■ Graduate Certificate in Risk Management (IF88)

**Award title:** Graduate Certificate in Risk Management

**Location:** Kelvin Grove and External

**Course duration (part-time):** 2 semesters

**Course duration (external):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Assoc Prof Sandra Capra

**Part-time Course structure****Year 1, Semester 1 (July - November)**

PUN001	Contemporary Risk Management
PUN008	Risk Management: Identification And Assessment Procedures

**Year 1, Semester 2 (February - June)**

PUN009	Risk Treatment
EFN418	Introduction To Financial Risk Management

## ■ Honours Degrees

**1. General**

1.1 These regulations apply to Honours degrees consisting of an additional year of full-time study (or equivalent) following completion of an undergraduate pass degree. The policy does not apply to pass degrees which may be awarded with Honours.

1.2 Faculties are required to make a submission to University Academic Board for an Honours program in the form of a new course proposal. Such a proposal should seek approval for a single Honours program covering the full range of majors within an undergraduate award, whether or not all majors are to be offered at Honours level.

1.3 Faculties are expected to produce statements of procedures to be read with, or which may incorporate, this policy statement.

1.4 Each Honours program will be assigned a separate quota.

## 2. Admission to an Honours Degree

2.1 Students who wish to undertake an Honours program should normally apply for admission to it at the end of the final year of their pass degree, or within 18 months of completing that degree.

2.2 In order to be considered eligible for admission, students should have attained a grade point average of at least 5.0 or an average grade of credit over the entire basic course, including grades of at least credit in all units directly relevant to, or specified as prerequisite for, the proposed Honours program.

2.3 However, students who have demonstrated outstanding performance in only the final year of a degree, or whose application is based on other factors including work experience or involvement in research, may be admitted at the discretion of the Dean.

## 3. Duration

3.1 Except in special circumstances as approved by the Dean, the requirements for an Honours degree must be completed within two successive years following first enrolment.

## 4. Program Requirements

4.1 Honours programs must comprise one year of full-time study or equivalent with at least 25 per cent of the credit points associated with the course to be allocated to a project or dissertation.

4.2 Faculties are responsible for providing candidates with program outlines which specify the distribution of credit point load between project/dissertation and coursework, the procedure for project or dissertation approval and a concise statement of Faculty requirements, supervision arrangements, and procedures for examining project reports and dissertations.

## 5. Unsatisfactory Progress

5.1 Failure to make satisfactory progress with either the course work component of an Honours program or with the project/dissertation, or both, may lead to exclusion from the program.

5.2 Unsatisfactory progress consists of:

- receiving a grade of less than 4 (or Satisfactory, where applicable) in one unit of the course work component.
- failure to make sufficient progress with the project or dissertation component, in the opinion of the Dean.

5.3 A student who is excluded from or otherwise fails to complete an Honours program will not normally be readmitted to that program.

## 6. Assessment

6.1 The minimum grade which may be credited towards an Honours degree is 4 (or Satisfactory, where applicable).

6.2 A minimum of three copies of a dissertation should be presented to the supervisor for examination. Dissertations should be temporarily bound in order to facilitate the making of any revisions and editorial changes required by the examiners before final printing and binding.

6.3 Project reports and dissertations will be examined by an examining committee appointed by the Dean and consisting of at least two examiners, one of whom may be external to the University. The supervisor of the candidates work may be a member of the committee but may not chair the committee or act as the primary examiner.

## 7. Determination of Level of Honours Awards

7.1 The Faculty Academic Board, on advice from the school, will determine the level of Honours to be awarded.

7.2 Honours degrees will be awarded at the following levels after account is taken of the candidates performance in all units and appropriate weight applied to the project or dissertation:

Honours 1 - First Class Honours

Honours 2A - Second Class Honours, Division A

Honours 2B - Second Class Honours, Division B

Honours 3 - Third Class Honours

7.3 The level of Honours award is to be determined by guidelines, as follows:

Honours 1 - Grade point average of 6.50-7.00, or equivalent

Honours 2A - Grade point average of 5.50-6.49, or equivalent

Honours 2B - Grade point average of 4.50-5.49, or equivalent

Honours 3 - Grade point average of 4.00-4.49, or equivalent

7.4 A candidate who does not reach the standard required for Honours 3 remains with a pass degree.

## ■ Bachelor of Applied Science (Environmental Science)/Bachelor of Health Science (Environmental Health) (IF87)

**Award title:** Bachelor of Applied Science (Environmental Science)/Bachelor of Health Science (Environmental Health)

**CRICOS code:** 003505F

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 384 (Note: The minimum course load per semester required for full-time enrolment may be more than 36 credit points)

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Megan Hargreaves (Science)

**Discipline coordinator:** Mr Terry Farr (Environmental Health)

### Course Design

Graduates from this double degree will have a science degree with the same core support and the choice of major study area of Environmental Science as the Bachelor of Applied Science program. Health studies will comprise the co-major component.

The four-year course is designed so that the first three years of study are basically in the science areas, while the fourth year is essentially a professional, environmental health program. However, students may exit at the end of the third year having completed the Bachelor of Applied Science course.

### Full-time Course Structure

#### Year 1, Semester 1

NRB100 Environmental Science

LSB118 Life Science  
Either

MAB101 Statistical Data Analysis 1  
Or

MAB105 Preparatory Mathematics  
Either

PCB101 Physical Science  
Or

PCB150 Physics 1H  
Students with a Sound Achievement in Chemistry at secondary level (or equivalent) are recommended to enrol in PCB150. Students without Chemistry background will take PCB101.

#### Year 1, Semester 2

PCB142 Chemistry 1

NRB232 Environmental Geology

LSB258 Human Anatomy and Physiology  
Either

PCB263 Physics 2E  
Or

MAB101 Statistical Data Analysis 1

#### Year 2, Semester 1

NRB300 Environmental Monitoring

NRB311 Population Ecology

PUB107 Sustainable Environments For Health

PUB251 Contemporary Public Health

#### Year 2, Semester 2

NRB400 Environmental Systems

NRB440 Environmental Chemistry

PUB400 Environmental Protection

PUB407 Environmental Pollution

**Year 3, Semester 1**

NRB500	Environmental Modelling
NRB501	Mapping and Modelling of Natural Resource Data
PUB308	Environmental Health Fundamentals
PUB326	Epidemiology

**Year 3, Semester 2**

LSB415	Microbiology
NRB600	Issues in Environmental Science
NRB633	Hydrogeology
PUB409	Communicable Disease: Prevention And Control

**Year 4, Semester 1**

PUB510	Legal Framework for Environmental Health Practice
PUB515	Environmental Toxicology
PUB517	Food Hygiene Studies
PUB474	Food Studies

OR

PUB511	Health Policy, Planning And Evaluation
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**Year 4, Semester 2**

PUB316	Research Methods
PUB604	Policy And Management Principles For Environmental Health
PUB611	Risk Management
PUB630	Environmental Health Practice

## ■ Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Education (Secondary) (IX04)

**Award title:** Bachelor of Applied Science (in Human Movement Studies)/ Bachelor of Education

**Location:** Gardens Point, Kelvin Grove and Carseldine

**Course duration (full-time):** 4 years

**Total credit points:** 432

**Course coordinator:** Education Coordinator: Dr Gordon Tait, Human Movement Studies Coordinator: Dr Tom Cuddihy

**Course Structure**

Students are required to complete 240 credit points in approved Human Movement Studies (and other areas) and 192 credit points from the Faculty of Education.

Teaching areas for students completing this award are Physical Education (first teaching area) with Health, Mathematics, Biology or English as their second teaching area.

**Full-time Course structure**
**Year 1, Semester 1**

LSB131	Anatomy
HMB313	Socio-Cultural Foundations Of Physical Activity
HMB171	Fitness Health And Wellness Second Teaching Area Unit

**Year 1, Semester 2**

LSB231	Physiology
HMB172	Nutrition And Physical Activity
HMB272	Biomechanics
HMB315	Performance Skills 2 Second Teaching Area Unit

**Year 2, Semester 1**

HMB271	Foundations Of Motor Control, Learning And Development
HMB273	Bioenergetics And Muscle Physiology In Exercise
HMB274	Functional Anatomy
HMB314	Performance Skills 1 Second Teaching Area Unit

**Year 2, Semester 2**

HMB276	Research In Human Movement
HMB382	Principles Of Exercise Prescription
HMB275	Exercise And Sport Psychology
HMB316	Performance Skills 3 Second Teaching Area Unit

**Year 3, Semester 1**

HMB379	Disorders Of Human Movement
EDB002	Teaching and Learning Studies II: Development and Learning
EDB031	Secondary Field Studies I: Development and Learning in the Field
HMB231	Physical Education Curriculum Studies 1 Curriculum Studies 1Y

**Year 3, Semester 2**

EDB003	Teaching and Learning Studies III: Practising Education
EDB032	Secondary Field Studies II: Practising Education in the Field
HMB331	Physical Education Curriculum Studies 2 Curriculum Studies 2Y

**Year 4, Semester 1**

EDB004	Teaching and Learning Studies IV: Inclusive Education
EDB033	Secondary Field Studies III: Immersion in Inclusive Educational Practices
HMB431	Physical Education Curriculum Studies 3 Curriculum Studies 3Y

**Year 4, Semester 2**

EDB005	Teaching and Learning Studies V: Professional Work of Teachers
EDB034	Secondary Field Studies IV: Professional Work of Teachers: Induction into the Field
EDB035	Internship (Secondary) Education Elective

**Health Discipline Studies Y**

PUB127	Health Issues In Australia
PUB203	Primary Health Care
PUB329	Foundations Of Health Studies And Health Behaviour
PYB086	Interpersonal And Group Processes

**Maths Discipline Studies Y**

MAB101	Statistical Data Analysis 1
MAB100	Mathematical Sciences 1A
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C

**English Discipline Studies Y**

CLB320	Studies In Language
CLB321	Writing Workshop
CLB323	Teaching Adolescent Literature
KWB710	Ozlit

**Biology Discipline Studies Y**

LSB118	Life Science
NRB270	Animal and Plant Structure and Function
LSB238	Cell and Molecular Biology 1
NRB100	Environmental Science
PYB012	Psychology
LSB258	Human Anatomy and Physiology

**Second Teaching Area Curriculum Studies 1, 2 and 3**
**Curriculum Studies 1**

MDB009	Biology Curriculum Studies 1
CLB018	English Curriculum Studies 1
HMB292	Health Education Curriculum Studies 1
MDB021	Mathematics Curriculum Studies 1

**Curriculum Studies 2**

MDB010	Biology Curriculum Studies 2
CLB019	English Curriculum Studies 2
HMB396	Health Education Curriculum Studies 2
MDB022	Mathematics Curriculum Studies 2

**Curriculum Studies 3**

MDB011	Biology Curriculum Studies 3
CLB020	English Curriculum Studies 3
HMB496	Health Education Curriculum Studies 3
MDB023	Mathematics Curriculum Studies 3

## ■ Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Business (Accountancy, Banking and Finance, Economics or Marketing) (IF62)

**Award title:** Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Business (Study Area A)

**CRICOS code:** 020328K

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 54 (average)

**Course coordinator:** Dr Graham Costin (Human Movement Studies); Mr Andrew Paltridge (Business)

**Discipline coordinator:** Dr John Sweeting (Accountancy); Mr John Polichronis (Banking and Finance); Mr Eugene McCann (Economics); Dr Marilyn Healy (Marketing)

**Other Majors**

See also the separate entry for the following majors in this course: Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Business (Advertising, Human Resource Management, International Business, Management, or Public Relations).

**Professional Membership**

Graduates may be eligible for membership of the Australian Association for Exercise and Sports Science, and depending on the choice of major and minor units, of CPA Australia, the Institute of Chartered Accountants in Australia, Australasian Institute of Banking and Finance, Economic Society of Australia (Queensland Division), Australian Marketing Institute, Market Research Society of Australia, Australian Institute of Management, American Marketing Association and Australasian Institute of Export.

**Course Design**

Students are required to complete 432 credit points comprised of 216 credit points from the Bachelor of Applied Science (in Human Movement Studies) program and 216 credit points from the Bachelor of Business program. Students supplement the human movement studies component of this program with the 96 credit point faculty core units in the Bachelor of Business program together with a 72 point credit point major, and a further 48 credit point minor. Business majors available are: Accountancy, Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing and Public Relations.

**Course structure - Accountancy Major****Year 1, Semester 1**

BSB110 Accounting  
BSB113 Economics  
HMB171 Fitness Health And Wellness  
LSB131 Anatomy

**Year 1, Semester 2**

AYB121 Financial Accounting  
BSB111 Business Law And Ethics  
HMB172 Nutrition And Physical Activity  
HMB272 Biomechanics  
LSB231 Physiology

**Year 2, Semester 1**

BSB122 Business Information Analysis And Communication  
HMB271 Foundations Of Motor Control, Learning And Development  
HMB273 Bioenergetics And Muscle Physiology In Exercise  
HMB274 Functional Anatomy  
PYB012 Psychology

**Year 2, Semester 2**

BSB115 Management, People And Organisations  
BSB119 International And Electronic Business  
HMB275 Exercise And Sport Psychology  
HMB276 Research In Human Movement  
HMB382 Principles Of Exercise Prescription

**Year 3, Semester 1**

AYB220 Company Accounting  
EFB101 Data Analysis For Business  
HMB313 Socio-Cultural Foundations Of Physical Activity  
HMB379 Disorders Of Human Movement  
Business minor unit

**Year 3, Semester 2**

AYB221 Computerised Accounting Systems  
AYB225 Management Accounting  
Human Movement Studies major unit  
Human Movement Studies elective/minor unit

**Year 4, Semester 1**

BSB126 Marketing  
Business Minor Unit  
Human Movement Studies elective/minor unit  
Human Movement Studies elective/minor unit

**Year 4, Semester 2**

AYB301 Auditing  
BSB114 Government, Business And Society  
Business minor unit  
Business minor unit

**Course structure - Banking and Finance Major****Year 1, Semester 1**

HMB171 Fitness Health And Wellness  
LSB131 Anatomy  
BSB113 Economics  
BSB114 Government, Business And Society

**Year 1, Semester 2**

HMB172 Nutrition And Physical Activity  
HMB272 Biomechanics  
LSB231 Physiology  
BSB110 Accounting  
BSB122 Business Information Analysis And Communication

**Year 2, Semester 1**

HMB271 Foundations Of Motor Control, Learning And Development  
HMB273 Bioenergetics And Muscle Physiology In Exercise  
HMB274 Functional Anatomy  
PYB012 Psychology  
EFB210 Finance 1

**Year 2, Semester 2**

HMB275 Exercise And Sport Psychology  
HMB276 Research In Human Movement  
HMB382 Principles Of Exercise Prescription  
EFB102 Economics 2  
EFB307 Finance 2

**Year 3, Semester 1**

HMB313 Socio-Cultural Foundations Of Physical Activity  
HMB379 Disorders Of Human Movement  
EFB101 Data Analysis For Business  
EFB201 Financial Markets  
Business Minor Unit

**Year 3, Semester 2**

HMS Major Unit  
HMS Elective/Minor Unit  
BSB119 International And Electronic Business  
Business Minor Unit

**Year 4, Semester 1**

HMS Elective/Minor Unit  
HMS Elective/Minor Unit  
BSB115 Management, People And Organisations  
Business Minor Unit

**Year 4, Semester 2**

BSB111 Business Law And Ethics  
EFB312 International Finance And Economics  
BSB126 Marketing  
Business Minor Unit

**Course structure - Economics****Year 1, Semester 1**

HMB171 Fitness Health And Wellness  
LSB131 Anatomy  
BSB110 Accounting  
BSB113 Economics

**Year 1, Semester 2**

HMB172 Nutrition And Physical Activity  
HMB272 Biomechanics  
LSB231 Physiology  
BSB122 Business Information Analysis And Communication  
EFB102 Economics 2

**Year 2, Semester 1**

HMB271 Foundations Of Motor Control, Learning And Development  
HMB273 Bioenergetics And Muscle Physiology In Exercise  
HMB274 Functional Anatomy  
PYB012 Psychology  
EFB202 Business Cycles And Economic Growth

**Year 2, Semester 2**

HMB275 Exercise And Sport Psychology  
HMB276 Research In Human Movement  
HMB382 Principles Of Exercise Prescription  
EFB101 Data Analysis For Business  
Business Minor Unit

**Year 3, Semester 1**

HMB313 Socio-Cultural Foundations Of Physical Activity  
HMB379 Disorders Of Human Movement  
BSB119 International And Electronic Business  
EFB211 Firms, Markets And Resources  
Business Minor Unit

**Year 3, Semester 2**

HMS Major Unit

	HMS Elective/Minor Unit
BSB114	Government, Business And Society
EFB323	Financial And Monetary Economics
<b>Year 4, Semester 1</b>	
	HMS Elective/Minor Unit
	HMS Elective/Minor Unit
BSB115	Management, People And Organisations Business Minor Unit
<b>Year 4, Semester 2</b>	
BSB111	Business Law And Ethics
BSB126	Marketing
EFB314	International Trade And Economic Competitiveness Business Minor Unit

### Course structure - Marketing

<b>Year 1, Semester 1</b>	
BSB122	Business Information Analysis And Communication
BSB126	Marketing
HMB171	Fitness Health And Wellness
LSB131	Anatomy
<b>Year 1, Semester 2</b>	
AMB200	Consumer Behaviour
AMB240	Marketing Planning And Management
HMB172	Nutrition And Physical Activity
HMB272	Biomechanics
LSB231	Physiology
<b>Year 2, Semester 1</b>	
AMB201	Market And Audience Research
HMB271	Foundations Of Motor Control, Learning And Development
HMB273	Bioenergetics And Muscle Physiology In Exercise
HMB274	Functional Anatomy
PYB012	Psychology
<b>Year 2, Semester 2</b>	
AMB241	E-Marketing Strategies
BSB119	International And Electronic Business
HMB275	Exercise And Sport Psychology
HMB276	Research In Human Movement
HMB382	Principles Of Exercise Prescription
<b>Year 3, Semester 1</b>	
BSB113	Economics
BSB115	Management, People And Organisations
HMB313	Socio-Cultural Foundations Of Physical Activity
HMB379	Disorders Of Human Movement Business Minor Unit
<b>Year 3, Semester 2</b>	
BSB110	Accounting Business Minor Unit Human Movement Studies major unit Human Movement Studies elective/minor unit
<b>Year 4, Semester 1</b>	
AMB340	Services Marketing Business Minor Unit Human Movement Studies elective/minor unit Human Movement Studies elective/minor unit
<b>Year 4, Semester 2</b>	
AMB341	Strategic Marketing
BSB111	Business Law And Ethics
BSB114	Government, Business And Society Business minor unit

### Human Movement Studies Major and Minor Units:

<b>Human Movements Studies Major and Minor Units</b>	
HMB277	Exercise And Sport Nutrition
HMB361	Functional Anatomy 2
HMB362	Biomechanics 2
HMB363	Independent Study
HMB364	Seminars In Human Movement
HMB371	Motor Control And Learning 2
HMB374	Psychology Of Rehabilitation
HMB375	Adapted Physical Activity
HMB376	Motor Development In Children
HMB377	Children In Sport
HMB381	Cardiovascular And Pulmonary Physiology In Exercise
HMB383	Workplace Health
HMB384	Injury Prevention And Rehabilitation
HMB470	Practicum 1
HMB480	Advanced Exercise Prescription

### Business Minors

<b>Accounting (Students without an Accountancy Major)</b>	
AYB121	Financial Accounting
AYB220	Company Accounting
AYB221	Computerised Accounting Systems
AYB225	Management Accounting
<b>Accounting (Students with an Accountancy Major)</b>	
AYB223	Law Of Business Associations
AYB325	Taxation Law
AYB311	Financial Accounting Issues
AYB321	Strategic Management Accounting
<b>Advertising (Students without an Advertising Major)</b>	
AMB200	Consumer Behaviour
AMB220	Advertising Theory And Practice
AMB221	Advertising Copywriting
AMB222	Media Planning
<b>Banking (Students with a Banking &amp; Finance Major)</b>	
AYB312	Financial Institutions Law
EFB310	Financial Institutions - Control
EFB311	Financial Institutions - Lending
AYB225	Management Accounting
<b>Banking &amp; Finance (Students Without a Banking &amp; Finance Major)</b>	
Students must complete four of the following:	
EFB101	Data Analysis For Business
EFB102	Economics 2
EFB210	Finance 1
EFB307	Finance 2
EFB201	Financial Markets
EFB312	International Finance And Economics
<b>Economics (Students without an Economics Major)</b>	
Students must complete four of the following:	
EFB101	Data Analysis For Business
EFB102	Economics 2
EFB202	Business Cycles And Economic Growth
EFB211	Firms, Markets And Resources
EFB314	International Trade And Economic Competitiveness
EFB323	Financial And Monetary Economics
<b>Electronic Commerce</b>	
Students must complete any four of the following:	
BSB212	Electronic Business Applications
BSB213	Legal Issues In Electronic Business
BSB313	Business Strategy And Technology
ITB825	Electronic Business Information Systems
MGB334	Managing In A Changing Environment
<b>Financial Economics (Students with a Banking and Finance Major)</b>	
Students must complete four of the following:	
EFB200	Applied Regression Analysis
EFB202	Business Cycles And Economic Growth
EFB211	Firms, Markets And Resources
EFB308	Finance 3
EFB309	Financial Derivatives
EFB318	Portfolio And Security Analysis
EFB324	Macroeconomics Of Global Financial Markets
EFB325	Financial Microeconomics
EFB326	Applied Portfolio Management
<b>Financial Economics (Students with an Economics Major)</b>	
Students must complete four of the following:	
EFB200	Applied Regression Analysis
EFB201	Financial Markets
EFB210	Finance 1
EFB324	Macroeconomics Of Global Financial Markets
EFB325	Financial Microeconomics
EFB326	Applied Portfolio Management
EFB327	Econometrics Of Financial Markets
EFB327	Econometrics Of Financial Markets
EFB327	Econometrics Of Financial Markets
EFB328	Public Economics And Finance
<b>Funds Management (Students with a Banking and Finance Major)</b>	
EFB308	Finance 3
EFB309	Financial Derivatives
EFB318	Portfolio And Security Analysis
AYB225	Management Accounting
<b>Human Resource Management (Students without a Human Resource Management Major)</b>	
MGB207	Human Resource Issues And Strategy
MGB222	Managing Organisations PLUS two units from the following list:
MGB201	The Legal Context Of Employment Relations
MGB202	Equity And Diversity Management
MGB209	Occupational Health And Safety Management

MGB221	Performance And Reward
MGB224	Australian Industrial Relations
MGB304	Human Resource Information Management
MGB307	International Human Resource Management
MGB312	Negotiation Skills
MGB314	Organisational Consulting And Change
MGB315	Personal And Professional Development
MGB320	Recruitment and Selection
MGB321	Advanced Practice In Recruitment And Selection
MGB331	Training And Development
MGB325	Advanced Practice In Training And Development

**Integrated Marketing Communication (Student without an Advertising or Public Relations Major)**

AMB202	Integrated Marketing Communication PLUS three units from:
AMB220	Advertising Theory And Practice
AMB260	Public Relations Theory And Practice
AMB331	Direct Marketing
AMB350	Relationship And Sales Management OR
AMB202	Integrated Marketing Communication PLUS two units from:
AMB220	Advertising Theory And Practice
AMB260	Public Relations Theory And Practice
AMB331	Direct Marketing
AMB350	Relationship And Sales Management And one unit from:
AMB230	Internet Promotion
AMB261	Media Relations And Publicity
AMB354	Events Marketing

**Marketing (Students with a Marketing Major)**

AMB202	Integrated Marketing Communication
AMB250	Business To Business Marketing
AMB251	Innovation And Market Development
AMB310	Internship
AMB350	Relationship And Sales Management
AMB351	Tourism Marketing
AMB352	Marketing Decision Making
AMB353	Retail Marketing
AMB354	Events Marketing
MIB213	International Marketing

**Marketing (Students without a Marketing Major)**

AMB200	Consumer Behaviour
AMB240	Marketing Planning And Management
AMB241	E-Marketing Strategies PLUS one of the following units:
AMB340	Services Marketing
AMB341	Strategic Marketing

**Public Relations (Students without a Public Relations Major)**

AMB202	Integrated Marketing Communication
AMB370	Public Relations Cases
AMB371	Corporate Communication Strategies One choice unit from the School of Advertising, Marketing and Public Relations

**■ Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Business (Advertising, Human Resource Management, International Business, Management or Public Relations) (IF62)**

**Award title:** Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Business (Study Area A)

**CRICOS code:** 020328K

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 54 (average)

**Course coordinator:** Dr Graham Costin (Human Movement Studies); Mr Andrew Paltridge (Business)

**Discipline coordinator:** Ms Gayle Kerr (Advertising); Dr Kate Hutchings (HRM); Mr Michael Cox (International Business); Dr Glenda Maconachie (Management); Ms Robina Xavier (Public Relations)

**Other Majors**

See also the separate entry for the following majors in this course: Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Business (Accountancy, Banking and Finance, Economics, or Marketing).

**Professional Membership**

Depending on the choice of major, extended major or specialisation, graduates may be eligible for membership of:

- Advertising - Advertising Federation of Australia, Australian Association of National Advertisers, Australian Direct Marketing Association.
- HRM - Australian Human Resources Institute, Australian Institute of Training and Development (AITD), Australian Institute of Management (AIM).
- International Business - Economic Society of Australia, Australasian Institute of Export.
- Management- Australian Institute of Management (AIM).
- Public Relations - Public Relations Institute of Australia.

**Course Design**

Students are required to complete 432 credit points comprised of 216 credit points from the Bachelor of Applied Science (in Human Movement Studies) program and 216 credit points from the Bachelor of Business program. Students supplement the human movement studies component of this program with the 96 credit point faculty core units in the Bachelor of Business program together with a 72 point credit point major, and a further 48 credit point minor. Business majors available are: Accountancy, Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing and Public Relations.

**Course structure - Advertising**

**Year 1, Semester 1**

BSB122	Business Information Analysis and Communication
BSB126	Marketing
HMB171	Fitness Health And Wellness
LSB131	Anatomy

**Year 1, Semester 2**

AMB200	Consumer Behaviour
AMB220	Advertising Theory And Practice
HMB172	Nutrition And Physical Activity
HMB272	Biomechanics
LSB231	Physiology

**Year 2, Semester 1**

AMB222	Media Planning
HMB271	Foundations Of Motor Control, Learning And Development
HMB273	Bioenergetics And Muscle Physiology In Exercise
HMB274	Functional Anatomy
PYB012	Psychology

**Year 2, Semester 2**

AMB221	Advertising Copywriting
BSB119	International and Electronic Business
HMB275	Exercise And Sport Psychology
HMB276	Research In Human Movement
HMB382	Principles Of Exercise Prescription

**Year 3, Semester 1**

BSB113	Economics
BSB115	Management, People And Organisations
HMB313	Socio-Cultural Foundations Of Physical Activity
HMB379	Disorders Of Human Movement Business Minor Unit

**Year 3, Semester 2**

BSB110	Accounting Human Movement Studies Major Unit Human Movement Studies Elective/Minor Unit Business Minor Unit
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**Year 4, Semester 1**

AMB320	Advertising Management Human Movement Studies Elective/Minor Unit Human Movement Studies Elective/Minor Unit Business Minor Unit
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**Year 4, Semester 2**

AMB321	Advertising Campaigns
BSB111	Business Law And Ethics

BSB114 Government, Business And Society  
Business Minor Unit

### Course structure - Human Resource Management

#### Major

##### Year 1, Semester 1

HMB171 Fitness Health And Wellness  
LSB131 Anatomy  
BSB115 Management, People And Organisations  
BSB122 Business Information Analysis and Communication

##### Year 1, Semester 2

HMB172 Nutrition And Physical Activity  
HMB272 Biomechanics  
LSB231 Physiology  
BSB126 Marketing  
MGB220 Management Research Methods

##### Year 2, Semester 1

HMB271 Foundations Of Motor Control, Learning And Development  
HMB273 Bioenergetics And Muscle Physiology In Exercise  
HMB274 Functional Anatomy  
PYB012 Psychology  
BSB119 International and Electronic Business

##### Year 2, Semester 2

HMB275 Exercise And Sport Psychology  
HMB276 Research In Human Movement  
HMB382 Principles Of Exercise Prescription  
MGB207 Human Resource Issues And Strategy  
MGB211 Organisational Behaviour

##### Year 3, Semester 1

HMB313 Socio-Cultural Foundations Of Physical Activity  
HMB379 Disorders Of Human Movement  
BSB110 Accounting  
BSB114 Government, Business And Society  
MGB222 Managing Organisations

##### Year 3, Semester 2

Human Movement Studies Major Unit  
Human Movement Studies Elective/Minor Unit  
BSB113 Economics  
MGB314 Organisational Consulting And Change

##### Year 4, Semester 1

Human Movement Studies Elective/ Minor Unit  
Human Movement Studies Elective/ Minor Unit  
Business Minor Unit  
Business Minor Unit

##### Year 4, Semester 2

BSB111 Business Law And Ethics  
MGB309 Strategic Management  
Business Minor Unit  
Business Minor Unit

### Course structure - International Business

##### Year 1, Semester 1

HMB171 Fitness Health And Wellness  
LSB131 Anatomy  
BSB114 Government, Business And Society  
BSB119 International and Electronic Business

##### Year 1, Semester 2

HMB172 Nutrition And Physical Activity  
HMB272 Biomechanics  
LSB231 Physiology  
BSB110 Accounting  
BSB115 Management, People And Organisations

##### Year 2, Semester 1

HMB271 Foundations Of Motor Control, Learning And Development  
HMB273 Bioenergetics And Muscle Physiology In Exercise  
HMB274 Functional Anatomy  
PYB012 Psychology  
BSB113 Economics

##### Year 2, Semester 2

HMB275 Exercise And Sport Psychology  
HMB276 Research In Human Movement  
HMB382 Principles Of Exercise Prescription  
IBB202 Business And The World Economy  
IBB211 Globalisation And Business

##### Year 3, Semester 1

HMB313 Socio-Cultural Foundations Of Physical Activity  
HMB379 Disorders Of Human Movement  
BSB126 Marketing  
IBB210 Export Management

Area Study 1

##### Year 3, Semester 2

Human Movement Studies Major Unit  
Human Movement Studies Elective/Minor Unit  
BSB122 Business Information Analysis and Communication  
Area Study 2

##### Year 4, Semester 1

Human Movement Studies Elective/Minor Unit  
Human Movement Studies Elective/Minor Unit  
Business Minor Unit  
Business Minor Unit

##### Year 4, Semester 2

BSB111 Business Law And Ethics  
IBB300 International Business Strategy  
Business Minor Unit  
Business Minor Unit

##### Area Study Options:

IBB217 Asian Business Development  
IBB317 Contemporary Business In Asia  
OR  
IBB208 European Business Development  
IBB308 Contemporary Business In Europe

### Course structure - Management Major

##### Year 1, Semester 1

HMB171 Fitness Health And Wellness  
LSB131 Anatomy  
BSB115 Management, People And Organisations  
BSB122 Business information Analysis and Communication

##### Year 1, Semester 2

HMB172 Nutrition And Physical Activity  
HMB272 Biomechanics  
LSB231 Physiology  
BSB126 Marketing  
MGB220 Management Research Methods

##### Year 2, Semester 1

HMB271 Foundations Of Motor Control, Learning And Development  
HMB273 Bioenergetics And Muscle Physiology In Exercise  
HMB274 Functional Anatomy  
PYB012 Psychology  
BSB119 International and Electronic Business

##### Year 2, Semester 2

HMB275 Exercise And Sport Psychology  
HMB276 Research In Human Movement  
HMB382 Principles Of Exercise Prescription  
MGB211 Organisational Behaviour  
MGB222 Managing Organisations

##### Year 3, Semester 1

HMB313 Socio-Cultural Foundations Of Physical Activity  
HMB379 Disorders Of Human Movement  
BSB110 Accounting  
BSB114 Government, Business And Society  
MGB210 Production And Service Management

##### Year 3, Semester 2

Human Movement Studies Major Unit  
Human Movement Studies Elective/Minor Unit  
BSB113 Economics  
Business Minor Unit

##### Year 4, Semester 1

Human Movement Studies Elective/Minor Unit  
Human Movement Studies Elective/Minor Unit  
MGB334 Managing In A Changing Environment  
Business Minor Unit

##### Year 4, Semester 2

BSB111 Business Law And Ethics  
MGB309 Strategic Management  
Business Minor Unit  
Business Minor Unit

### Course structure - Public Relations

##### Year 1, Semester 1

BSB122 Business Information Analysis and Communication  
BSB126 Marketing  
HMB171 Fitness Health And Wellness  
LSB131 Anatomy

##### Year 1, Semester 2

AMB260 Public Relations Theory And Practice  
BSB119 International and Electronic Business  
HMB172 Nutrition And Physical Activity

HMB272	Biomechanics
LSB231	Physiology

**Year 2, Semester 1**

AMB261	Media Relations And Publicity
HMB271	Foundations Of Motor Control, Learning And Development
HMB273	Bioenergetics And Muscle Physiology In Exercise
HMB274	Functional Anatomy
PYB012	Psychology

**Year 2, Semester 2**

AMB262	Public Relations Writing
BSB115	Management, People And Organisations
HMB275	Exercise And Sport Psychology
HMB276	Research In Human Movement
HMB382	Principles Of Exercise Prescription

**Year 3, Semester 1**

AMB201	Market And Audience Research
BSB113	Economics
HMB313	Socio-Cultural Foundations Of Physical Activity
HMB379	Disorders Of Human Movement Business Minor Unit

**Year 3, Semester 2**

BSB110	Accounting Human Movement Studies Major Unit Human Movement Studies Elective/Minor Unit Business Minor Unit
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**Year 4, Semester 1**

AMB360	Corporate Communication Management Human Movement Studies Elective/Minor Unit Human Movement Studies Elective/Minor Unit Business Minor Unit
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**Year 4, Semester 2**

AMB361	Public Relations Campaigns
BSB111	Business Law And Ethics
BSB114	Government, Business And Society Business Minor Unit

**Course structure - Business Minors**
**Accounting (Students without an Accountancy Major)**

AYB121	Financial Accounting
AYB220	Company Accounting
AYB221	Computerised Accounting Systems
AYB225	Management Accounting

**Advertising (Students with an Advertising Major)**

AMB230	Internet Promotion
AMB231	Marketing Communications Regulations And Ethics
AMB330	Advertising Strategy And Planning
AMB331	Direct Marketing

**Advertising (Students without an Advertising Major)**

AMB200	Consumer Behaviour
AMB220	Advertising Theory And Practice
AMB221	Advertising Copywriting
AMB222	Media Planning

**Banking & Finance (Students without a Banking & Finance Major)**

Students must complete four of the following:

EFB101	Data Analysis For Business
EFB102	Economics 2
EFB210	Finance 1
EFB307	Finance 2
EFB201	Financial Markets
EFB312	International Finance And Economics

**Economics (Students without an Economics Major)**

Students must complete four of the following:

EFB101	Data Analysis For Business
EFB102	Economics 2
EFB202	Business Cycles And Economic Growth
EFB211	Firms, Markets And Resources
EFB314	International Trade And Economic Competitiveness
EFB323	Financial And Monetary Economics

**Electronic Commerce Minor**

Students must complete four of the following:

BSB212	Electronic Business Applications
BSB213	Legal Issues In Electronic Business
BSB313	Business Strategy And Technology
ITB825	Electronic Business Information Systems
MGB334	Managing In A Changing Environment

**Human Resource Management (Students with a Human Resource Management Major)**

Any four of the units from the list below apart from those that are part of the HRM Major:

**Human Resource Management (Students without a Human Resource Management Major)**

MGB207	Human Resource Issues And Strategy
MGB222	Managing Organisations

PLUS two units from the list below:

**Human Resource Management (Students with a Management Major)**

MGB207	Human Resource Issues And Strategy
MGB221	Performance And Reward

PLUS two units from the list below:

**List of Human Resource Management Units:**

MGB201	The Legal Context Of Employment Relations
MGB202	Equity And Diversity Management
MGB209	Occupational Health And Safety Management
MGB221	Performance And Reward
MGB224	Australian Industrial Relations
MGB304	Human Resource Information Management
MGB307	International Human Resource Management
MGB312	Negotiation Skills
MGB314	Organisational Consulting And Change
MGB315	Personal And Professional Development
MGB320	Recruitment and Selection
MGB321	Advanced Practice In Recruitment And Selection
MGB331	Training And Development
MGB325	Advanced Practice In Training And Development

**Integrated Marketing Communication (Students without an Advertising, or Public Relations Major)**

AMB202	Integrated Marketing Communication
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PLUS three units from:

AMB220	Advertising Theory And Practice
AMB260	Public Relations Theory And Practice
AMB331	Direct Marketing

OR

AMB202	Integrated Marketing Communication
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PLUS two units from:

AMB220	Advertising Theory And Practice
AMB260	Public Relations Theory And Practice
AMB331	Direct Marketing
AMB230	Internet Promotion
AMB261	Media Relations And Publicity
AMB354	Events Marketing

**Integrated Marketing Communication (Students with an Advertising Major)**

AMB202	Integrated Marketing Communication
AMB260	Public Relations Theory And Practice
AMB331	Direct Marketing
AMB350	Relationship And Sales Management

OR

AMB202	Integrated Marketing Communication
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PLUS two units from:

AMB260	Public Relations Theory And Practice
AMB331	Direct Marketing
AMB350	Relationship And Sales Management
AMB230	Internet Promotion
AMB261	Media Relations And Publicity
AMB354	Events Marketing

**Integrated Marketing (Students with a Public Relations Major)**

AMB202	Integrated Marketing Communication
AMB220	Advertising Theory And Practice
AMB331	Direct Marketing
AMB350	Relationship And Sales Management

OR

AMB202	Integrated Marketing Communication
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PLUS two units from:

AMB220	Advertising Theory And Practice
AMB331	Direct Marketing
AMB350	Relationship And Sales Management
AMB230	Internet Promotion
AMB354	Events Marketing

**International Business Analysis (Students without an International Business Major)**

IBB202	Business And The World Economy
IBB211	Globalisation And Business



- PLUS one of the following pairs of units:  
 IBB210 Export Management  
 IBB300 International Business Strategy  
 OR  
 IBB217 Asian Business Development  
 IBB317 Contemporary Business In Asia

**Management (Students without a Human Resource Management Major)**

- MGB211 Organisational Behaviour  
 MGB220 Management Research Methods  
 MGB222 Managing Organisations  
 PLUS one unit from the list below:

**Management (Students with a Management Major)**

Any four units listed below other than those that are part of the Management Major:

**Management (Students with a Human Resource Management Major)**

- MGB210 Production And Service Management  
 MGB334 Managing In A Changing Environment  
 PLUS two units from the list below:

List of Management Units:

- ITB827 Fundamentals Of Enterprise Systems  
 MGB202 Equity And Diversity Management  
 MGB203 Government-Management Interface  
 MGB210 Production And Service Management  
 MGB216 Managing Technology, Innovation And Knowledge  
 MGB218 Venture Skills  
 MGB223 Creating New Enterprises  
 MGB309 Strategic Management  
 MGB312 Negotiation Skills  
 MGB314 Organisational Consulting And Change  
 MGB315 Personal And Professional Development  
 MGB224 Australian Industrial Relations  
 MGB335 Project Management

**Marketing (Students without a Marketing Major)**

- AMB200 Consumer Behaviour  
 AMB240 Marketing Planning And Management  
 AMB241 E-Marketing Strategies  
 PLUS one of the following units:

- AMB340 Services Marketing  
 AMB341 Strategic Marketing

**Public Relations (Students with a Public Relations Major)**

- AMB202 Integrated Marketing Communication  
 AMB370 Public Relations Cases  
 AMB371 Corporate Communication Strategies  
 One choice unit from the School of Advertising, Marketing and Public Relations

**Public Relations (Students without a Public Relations Major)**

- AMB260 Public Relations Theory And Practice  
 AMB261 Media Relations And Publicity  
 AMB262 Public Relations Writing  
 PLUS one of the following:  
 AMB360 Corporate Communication Management  
 AMB361 Public Relations Campaigns

**Course structure - Human Movement Studies Units**

For Human Movement Studies units listed as "Human Movement Studies Major Unit" or "Human Movement Studies Minor Unit" or equivalent units may be chosen from the following list. All units are based at Kelvin Grove.

- HMB277 Exercise And Sport Nutrition  
 HMB361 Functional Anatomy 2  
 HMB362 Biomechanics 2  
 HMB363 Independent Study  
 HMB364 Seminars In Human Movement  
 HMB371 Motor Control And Learning 2  
 HMB374 Psychology Of Rehabilitation  
 HMB375 Adapted Physical Activity  
 HMB376 Motor Development In Children  
 HMB377 Children In Sport  
 HMB381 Cardiovascular And Pulmonary Physiology In Exercise  
 HMB383 Workplace Health  
 HMB384 Injury Prevention And Rehabilitation  
 HMB470 Practicum 1  
 HMB480 Advanced Exercise Prescription  
 Note: individual units may not be available every semester.

**■ Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Education (Secondary) (IF73)**

**Award title:** Bachelor of Applied Science/Bachelor of Education  
**CRICOS code:** 020323D

**Location:** Gardens Point, Kelvin Grove and Carseldine

**Course duration (full-time):** 4 Years

**Total credit points:** 432

**Course coordinator:** Education Coordinator: Dr Gordon Tait,  
 Human Movement Studies Coordinator: Dr Tom Cuddihy

**Course Structure**

Students are required to complete 240 credit points in approved Human Movement Studies (and other areas) and 192 credit points from the Faculty of Education.

Teaching areas for students completing this award are Physical Education (first teaching area) with Health, Mathematics, Biology or English as their second teaching area.

Students must also complete EDB001 Teaching and Learning Studies I: Teaching in New Times, SPB001 Human Development and Learning, SPB002 Psychology of Learning and Teaching and CLB341 Language Technology & Education in the first five semesters.

In the final semester, students may undertake the Middle Years of Schooling Pathway developing the knowledge, skills and understanding required to participate fully in the middle schooling reform movement.

**Full-time Course structure**

**Generic Structure**

The following is a generic structure only and not to be followed as a specific second teaching area.

**Year 1, Semester 1**

- LSB131 Anatomy  
 HMB313 Socio-Cultural Foundations Of Physical Activity  
 HMB171 Fitness Health And Wellness  
 SPB001 Human Development And Education

**Year 1, Semester 2**

- LSB231 Physiology  
 HMB172 Nutrition And Physical Activity  
 HMB272 Biomechanics  
 Discipline Studies Y

EDB001 Teaching and Learning Studies 1: Teaching in New Times

**Year 2, Semester 1**

- HMB271 Foundations Of Motor Control, Learning And Development  
 HMB273 Bioenergetics And Muscle Physiology In Exercise  
 HMB274 Functional Anatomy  
 CLB341 Language, Technology And Education  
 Discipline Studies Y

**Year 2, Semester 2**

- HMB276 Research In Human Movement  
 HMB382 Principles Of Exercise Prescription  
 PYB086 Interpersonal And Group Processes  
 HMB275 Exercise And Sport Psychology  
 Discipline Studies X

**Year 3, Semester 1**

- HMB379 Disorders Of Human Movement  
 SPB002 Psychology Of Learning And Teaching  
 PUB329 Foundations Of Health Studies And Health Behaviour  
 Discipline Studies X  
 Discipline Studies Y

**Course Structure**

**Year 1, Semester 1**

- 3 x 12 cp Discipline (3 x 'X')  
 1 x 12 cp Education

**Year 1, Semester 2**

- 4 x 12 cp Discipline (3 x 'X' + 1 x 'Y')  
 1 x 12 cp Education

Total 108 cp

**Year 2, Semester 1**

- 4 x 12 cp Discipline (3 x 'X' + 1 x 'Y')  
 1 x 12 cp Education

**Year 2, Semester 2**

5 x 12 cp Discipline (4 x 'X' + 1 x 'Y')

Total 120 cp

**Year 3, Semester 1**

4 x 12 cp Discipline (3 x 'X' + 1 x 'Y')

1 x 12 cp Education

**Key**

**Discipline** Refers to 240 credit points (Human Movement Studies + 48 credit points (allocated from Bachelor of Education)) which make up the required 288 credit points (3 year degree) in Human Movement Studies.

**Education** Refers to 192 credit points required for a Bachelor of Education.

**Health Discipline Studies Y**

PUB127 Health Issues In Australia

HMB376 Motor Development In Children

HMB332 Health Related Fitness

PUB329 Foundations Of Health Studies And Health Behaviour

PYB086 Interpersonal And Group Processes

**Maths Discipline Studies Y**

MAB101 Statistical Data Analysis 1

MAB100 Mathematical Sciences 1A

MAB111 Mathematical Sciences 1B

MAB112 Mathematical Sciences 1C

**English Discipline Studies Y**

CLB320 Studies In Language

CLB321 Writing Workshop

 CLB323 Teaching Adolescent Literature  
plus one of the following:

KWB321 Body Matters

KWB716 Introduction To Literary And Cultural Studies

KPB130 Media Text Analysis

**Biology Discipline Studies Y**

LSB118 Life Science

NRB270 Animal and Plant Structure and Function

LSB238 Cell and Molecular Biology 1

NRB410 Genetics and Evolution

**Education Component**
**Full-time Course Structure**

EDB001, SPB001, SPB002 and CLB341 must be completed in the first five semesters of the course.

EDB001 Teaching and Learning Studies 1: Teaching in New Times

SPB001 Human Development And Education

SPB002 Psychology Of Learning And Teaching

CLB341 Language, Technology And Education

**Year 3, Semester 2**

EDB450 Secondary Professional Practice 1: Classroom Management

EDB451 Secondary Professional Practice 2: Curriculum Decision Making

HMB310 Physical Education Curriculum Studies 1

Curriculum Studies 1: Second Teaching Area (See List 1)

**Year 4, Semester 1**

CLB306 Understanding Educational Practices

EDB452 Secondary Professional Practice 3: The Inclusive Curriculum

 HMB370 Physical Education Curriculum Studies 2  
Curriculum Studies 2: Second Teaching Area (See List 2)

**Year 4, Semester 2**

EDB453 Secondary Professional Practice 4: The Beginning Teacher Education Studies Elective (See List 3)

Education Studies Elective (See List 3)

Curriculum Studies Elective (See List 4)

**Alternative Year 4, Semester 2: Middle Years Pathway**

EDB443 Professional Internship Of Associate Teaching

SPB008 The Middle Years Of Schooling

SPB022 The Middle Years Curriculum

EDB453 Secondary Professional Practice 4: The Beginning Teacher

**Curriculum Studies 1 and 2**
**List 1**

MDB325 Biology Curriculum Studies 1

CLB325 English Curriculum Studies 1

HMB390 Health Education Curriculum Studies 1

MDB333 Mathematics Curriculum Studies 1

**List 2**

MDB326 Biology Curriculum Studies 2

CLB326 English Curriculum Studies 2

HMB395 Health Education Curriculum Studies 2

MDB334 Mathematics Curriculum Studies 2: Senior Mathematics

MDB452 Mathematics Curriculum Studies 2: Junior &amp; Vocational Mathematics

**Education Studies Elective Units**
**List 3**

CLB301 Powerful Teachers, Powerful Students

CLB302 Identifying And Responding To Student Difference

CLB346 Case Studies In Adult And Family Literacy

CLB347 Teaching Students From Non-English Speaking Backgrounds

CLB401 Cultural Diversity And Education

CLB402 Issues In Indigenous Education

CLB403 Gender And Sexuality Issues For Teachers

EAB423 Museums: Places Of Learning

EDB440 Independent Study

EDB443 Professional Internship Of Associate Teaching

MDB300 Teaching In The Information Age

MDB381 Science And Technology In The Community And Workplace

SPB003 Teaching Children With Low Incidence Disabilities And Health Problems

SPB004 Teaching Exceptional Students

SPB006 Educational Counselling

SPB007 Human Sexuality And Learning

SPB008 The Middle Years Of Schooling

SPB009 Research Methods In Education

SPB010 Education Law And The Beginning Teacher

SPB011 Learning/teaching Environments

SPB012 Classroom And Behaviour Management

SPB017 Classroom Management: Models And Practice

SPB018 Teaching Strategies

SPB019 Introduction To Educational Administration

SPB020 Classroom Assessment Practices

**Curriculum Studies Electives**
**List 4**

CLB334 Primary LOTE Curriculum Studies

CLB374 Studies Of Society And Environment

CLB377 Business Education Studies

CLB411 Introduction to Production Practice in Film and Media Curriculum

CLB412 Advanced Studies In English, ESL Curriculum

CLB443 Trends In The Teaching Of Reading

CLB453 New Literacies And Technologies Across The Curriculum

EDB440 Independent Study

MDB395 Marine Studies Curriculum

MDB414 Learning Environments Using Information Technology

MDP529 Diagnostic Assessment And Remedial Intervention In Mathematics

SPB013 Progressive Strategies For General And Vocational Education

SPB014 Advanced Skills Of Effective Learning And Teaching

SPB016 Teachers And The Curriculum

SPB022 The Middle Years Curriculum

HMB342 The Development Of Teaching Skills In Primary Physical Education

MDB453 Mathematics for Schools

## ■ Bachelor of Applied Science (Mathematics)/Bachelor of Business (Accountancy, Banking and Finance or Economics) (IF60)

**Award title:** Bachelor of Applied Science

(Mathematics)/Bachelor of Business (Study Area A)

**CRICOS code:** 027274G

**Location:** Gardens Point

**Course duration (full-time):** 4 Years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 54 (Average)

**Course coordinator:** Dr Jack Wrigley (Mathematics); Mr Andrew Paltridge (Business)

**Discipline coordinator:** Dr John Sweeting (Accountancy); Mr John Polichronis (Banking and Finance); Mr Eugene McCann (Economics)

**Career Outcomes**

Graduates are equipped to undertake sophisticated economic and financial modelling which is important in business and

government decision making. Quantitative analysts are employed by the financial sector in order to optimise returns both in the short and long term. Graduates may also become actuarial trainees in the insurance and superannuation area although further study is required in order to qualify as an actuary.

Graduates of the Accountancy major can expect to find employment in auditing, financial analysis, corporate secretarial functions, costing, taxation, receivership, bankruptcy, trusteeship or management services.

Graduates of the Banking and Finance major find employment in the banking area of finance which can involve retail, wholesale or international projects, the funding of operations and investment of funds in loans or liquidity.

Graduates with Economics training are highly sought after. They are employed as economists and in a wide variety of related professional areas to provide strategic analysis and policy advice.

### Professional Recognition

Graduates will be eligible for membership of the Mathematical Society of Australia, the Statistical Society of Australia and, depending on unit selection, the Australian Society of Operations Research. Depending on the choice of major, extended major or specialisation graduates may be eligible for membership of the: Economic Society of Australia (Queensland Division), Australian Institute of Management, Australasian Institute of Banking and Finance (AIBF), Chartered Secretaries Australia, CPA Australia and the Institute of Chartered Accountants in Australia (ICAA).

### Course Design

Students are required to complete 432 credit points comprised of 204 credit points from the Bachelor of Applied Science (Mathematics) program and 228 credit points from the Bachelor of Business program. Students supplement the mathematics component of this program with the 96 credit point faculty core units from the Bachelor of Business program together with a 60 point credit point major in Accountancy, Banking & Finance or Economics, and a further 72 credit points in which the student must complete one of the following: double major, extended major or specialisation. Business double major available are: Accountancy, Advertising, Banking and Finance, Economics, Electronic Business, Human Resource Management, International Business, Management, Marketing and Public Relations.

Recommended combinations are:

- Accountancy: Extended major in Professional Accounting
- Banking & Finance: Extended major in Banking, Financial Economics or Funds Management; or double major in Economics
- Economics: Extended major in Financial Economics or double major in Banking & Finance

Note: Students with majors of Accountancy, Banking and Finance and Economics are not required to undertake EFB101 Data Analysis for Business as the content will be covered in the mathematics component of the program.

### Course structure - Accountancy Major (For students with SA in Senior Math B & C)

#### Year 1, Semester 1

BSB110 Accounting  
 BSB113 Economics  
 MAB101 Statistical Data Analysis 1  
 MAB111 Mathematical Sciences 1B

#### Year 1, Semester 2

AYB121 Financial Accounting  
 BSB119 International And Electronic Business  
 BSB122 Business Information Analysis And Communication  
 MAB112 Mathematical Sciences 1C  
 MAB210 Statistical Modelling 1

#### Year 2, Semester 1

AYB220 Company Accounting  
 BSB111 Business Law And Ethics  
 MAB311 Advanced Calculus

MAB313 Mathematics of Finance

#### Year 2, Semester 2

AYB221 Computerised Accounting Systems  
 BSB126 Marketing  
 MAB220 Computational Mathematics 1  
 Mathematics Elective (Level 2 or 3)  
 Business Double Major/Extended Major/Specialisation

#### Year 3, Semester 1

AYB225 Management Accounting  
 BSB115 Management, People And Organisations  
 Mathematics Elective (Level 2 or 3)  
 Mathematics Elective (Level 2 or 3)  
 Business Double Major/Extended Major/Specialisation

#### Year 3, Semester 2

BSB114 Government, Business And Society  
 Mathematics Elective (Level 2 or 3)  
 Mathematics Elective (Level 2 or 3)  
 Business Double Major/Extended Major/Specialisation

#### Year 4, Semester 1

AYB301 Auditing  
 Mathematics Elective (Level 2 or 3)  
 Mathematics Elective (Level 2 or 3)  
 Mathematics Elective (Level 2 or 3)  
 Business Double Major/Extended Major/Specialisation

#### Year 4, Semester 2

Mathematics Elective (Level 2 or 3)  
 Mathematics Elective (Level 2 or 3)  
 Business Double Major/Extended Major/Specialisation  
 Business Double Major/Extended Major/Specialisation

### Course structure - Accountancy Major (For students with SA in Senior Math B only)

#### Year 1, Semester 1

BSB110 Accounting  
 BSB113 Economics  
 MAB100 Mathematical Sciences 1A  
 MAB101 Statistical Data Analysis 1

#### Year 1, Semester 2

AYB121 Financial Accounting  
 BSB122 Business Information Analysis And Communication  
 MAB111 Mathematical Sciences 1B  
 MAB112 Mathematical Sciences 1C  
 MAB210 Statistical Modelling 1

#### Year 2, Semester 1

AYB220 Company Accounting  
 BSB111 Business Law And Ethics  
 MAB311 Advanced Calculus  
 MAB313 Mathematics of Finance

#### Year 2, Semester 2

AYB221 Computerised Accounting Systems  
 BSB126 Marketing  
 MAB220 Computational Mathematics 1  
 Mathematics Elective (Level 2 or 3)  
 Business Double Major/Extended Major/Specialisation

#### Year 3, Semester 1

AYB225 Management Accounting  
 BSB115 Management, People And Organisations  
 Mathematics Elective (Level 2 or 3)  
 Mathematics Elective (Level 2 or 3)  
 Business Double Major/Extended Major/Specialisation

#### Year 3, Semester 2

BSB114 Government, Business And Society  
 Mathematics Elective (Level 2 or 3)  
 Mathematics Elective (Level 2 or 3)  
 Business Double Major/Extended Major/Specialisation

#### Year 4, Semester 1

AYB301 Auditing  
 Mathematics Elective (Level 2 or 3)  
 Mathematics Elective (Level 2 or 3)  
 Mathematics Elective (Level 2 or 3)  
 Business Double Major/Extended Major/Specialisation

#### Year 4, Semester 2

Mathematics Elective (Level 2 or 3)  
 Mathematics Elective (Level 2 or 3)  
 Business Double Major/Extended Major/Specialisation  
 Business Double Major/Extended Major/Specialisation

Students must select BSB119 International & Electronic Business to replace one of the Mathematics Electives.

### Extended Major in Professional Accounting

AYB223	Law Of Business Associations
AYB325	Taxation Law
EFB102	Economics 2
EFB210	Finance 1
AYB311	Financial Accounting Issues
AYB321	Strategic Management Accounting

### Course structure - Banking and Finance Major (for students with SA in Senior Maths B & C)

#### Year 1, Semester 1

BSB110	Accounting
BSB113	Economics
MAB101	Statistical Data Analysis 1
MAB111	Mathematical Sciences 1B

#### Year 1, Semester 2

BSB119	International And Electronic Business
BSB122	Business Information Analysis And Communication
EFB102	Economics 2
MAB112	Mathematical Sciences 1C
MAB210	Statistical Modelling 1

#### Year 2, Semester 1

BSB126	Marketing
EFB210	Finance 1
MAB311	Advanced Calculus
MAB313	Mathematics of Finance

#### Year 2, Semester 2

BSB111	Business Law And Ethics
BSB114	Government, Business And Society
EFB307	Finance 2
MAB220	Computational Mathematics 1 Mathematics Elective (Level 2 or 3)

#### Year 3, Semester 1

BSB115	Management, People And Organisations
EFB201	Financial Markets Mathematics Elective (Level 2 or 3) Mathematics Elective (Level 2 or 3) Business Double Major/Extended Major/Specialisation

#### Year 3, Semester 2

EFB312	International Finance And Economics Mathematics Elective (Level 2 or 3) Business Double Major/Extended Major/Specialisation Business Double Major/Extended Major/Specialisation
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#### Year 4, Semester 1

	Mathematics Elective (Level 2 or 3)
	Mathematics Elective (Level 2 or 3)
	Mathematics Elective (Level 2 or 3)
	Business Double Major/Extended Major/Specialisation
	Business Double Major/Extended Major/Specialisation

#### Year 4, Semester 2

	Mathematics Elective (Level 2 or 3)
	Mathematics Elective (Level 2 or 3)
	Mathematics Elective (Level 2 or 3)
	Business Double Major/Extended Major/Specialisation

### Course structure - Banking and Finance Major (for students with SA in Senior Maths B only)

#### Year 1, Semester 1

BSB110	Accounting
BSB113	Economics
MAB100	Mathematical Sciences 1A
MAB101	Statistical Data Analysis 1

#### Year 1, Semester 2

BSB122	Business Information Analysis And Communication
EFB102	Economics 2
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C
MAB210	Statistical Modelling 1

#### Year 2, Semester 1

BSB126	Marketing
EFB210	Finance 1
MAB311	Advanced Calculus
MAB313	Mathematics of Finance

#### Year 2, Semester 2

BSB111	Business Law And Ethics
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BSB114	Government, Business And Society
EFB307	Finance 2
MAB220	Computational Mathematics 1 Mathematics Elective (Level 2 or 3)

#### Year 3, Semester 1

BSB115	Management, People And Organisations
EFB201	Financial Markets Mathematics Elective (Level 2 or 3) Mathematics Elective (Level 2 or 3) Business Double Major/Extended Major/Specialisation

#### Year 3, Semester 2

EFB312	International Finance And Economics Mathematics Elective (Level 2 or 3) Business Double Major/Extended Major/Specialisation Business Double Major/Extended Major/Specialisation
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#### Year 4, Semester 1

	Mathematics Elective (Level 2 or 3)
	Mathematics Elective (Level 2 or 3)
	Mathematics Elective (Level 2 or 3)
	Business Double Major/Extended Major/Specialisation
	Business Double Major/Extended Major/Specialisation

#### Year 4, Semester 2

	Mathematics Elective (Level 2 or 3)
	Mathematics Elective (Level 2 or 3)
	Mathematics Elective (Level 2 or 3)
	Business Double Major/Extended Major/Specialisation
	Business Double Major/Extended Major/Specialisation
	Students must select BSB119 International & Electronic Business to replace one of the Mathematics Electives

### Extended Major in Banking

AYB225	Management Accounting
EFB311	Financial Institutions - Lending
EFB310	Financial Institutions - Control
AYB312	Financial Institutions Law Plus on unit from the Banking Extended Major Options listed below

#### Banking Extended Major

EFB200	Applied Regression Analysis
EFB308	Finance 3
EFB309	Financial Derivatives
EFB318	Portfolio And Security Analysis
EFB326	Applied Portfolio Management

### Extended Major in Financial Economics (for Banking & Finance Major)

EFB202	Business Cycles And Economic Growth
EFB211	Firms, Markets And Resources
EFB324	Macroeconomics Of Global Financial Markets
EFB325	Financial Microeconomics
EFB326	Applied Portfolio Management Plus one unit from the Financial Economics Extended Major Options list below
EFB200	Applied Regression Analysis
EFB309	Financial Derivatives
EFB308	Finance 3
EFB318	Portfolio And Security Analysis

### Extended Major in Funds Management

AYB225	Management Accounting
EFB308	Finance 3
EFB309	Financial Derivatives
EFB318	Portfolio And Security Analysis Plus one unit from the Funds Management Extended Major Options list below
AYB312	Financial Institutions Law
EFB200	Applied Regression Analysis
EFB310	Financial Institutions - Control
EFB311	Financial Institutions - Lending
EFB326	Applied Portfolio Management

### Course structure - Economics Major (for students with SA in Senior Math B & C)

#### Year 1, Semester 1

BSB110	Accounting
BSB113	Economics
MAB101	Statistical Data Analysis 1
MAB111	Mathematical Sciences 1B

#### Year 1, Semester 2

BSB119	International And Electronic Business
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BSB122	Business Information Analysis And Communication
EFB102	Economics 2
MAB112	Mathematical Sciences 1C
MAB210	Statistical Modelling 1

**Year 2, Semester 1**

EFB202	Business Cycles And Economic Growth
EFB211	Firms, Markets And Resources
MAB311	Advanced Calculus
MAB313	Mathematics of Finance

**Year 2, Semester 2**

BSB114	Government, Business And Society
BSB126	Marketing
EFB323	Financial And Monetary Economics
MAB220	Computational Mathematics 1 Mathematics Elective (Level 2 or 3)

**Year 3, Semester 1**

BSB115	Management, People And Organisations Mathematics Elective (Level 2 or 3) Mathematics Elective (Level 2 or 3) Business Double Major/Extended Major/Specialisation Business Double Major/Extended Major/Specialisation
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**Year 3, Semester 2**

EFB314	International Trade And Economic Competitiveness Mathematics Elective (Level 2 or 3) Business Double Major/Extended Major/Specialisation Business Double Major/Extended Major/Specialisation
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**Year 4, Semester 1**

BSB111	Business Law And Ethics Mathematics Elective (Level 2 or 3) Mathematics Elective (Level 2 or 3) Mathematics Elective (Level 2 or 3) Business Double Major/Extended Major/Specialisation
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**Year 4, Semester 2**

	Mathematics Elective (Level 2 or 3) Mathematics Elective (Level 2 or 3) Mathematics Elective (Level 2 or 3) Business Double Major/Extended Major/Specialisation
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**Course structure - Economics Major (for students with SA in Senior Math B only)**
**Year 1, Semester 1**

BSB110	Accounting
BSB113	Economics
MAB100	Mathematical Sciences 1A
MAB101	Statistical Data Analysis 1

**Year 1, Semester 2**

BSB122	Business Information Analysis And Communication
EFB102	Economics 2
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C
MAB210	Statistical Modelling 1

**Year 2, Semester 1**

EFB202	Business Cycles And Economic Growth
EFB211	Firms, Markets And Resources
MAB311	Advanced Calculus
MAB313	Mathematics of Finance

**Year 2, Semester 2**

BSB114	Government, Business And Society
BSB126	Marketing
EFB323	Financial And Monetary Economics
MAB220	Computational Mathematics 1 Mathematics Elective (Level 2 or 3)

**Year 3, Semester 1**

BSB115	Management, People And Organisations Mathematics Elective (Level 2 or 3) Mathematics Elective (Level 2 or 3) Business Double Major/Extended Major/Specialisation Business Double Major/Extended Major/Specialisation
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**Year 3, Semester 2**

EFB314	International Trade And Economic Competitiveness Mathematics Elective (Level 2 or 3) Business Double Major/Extended Major/Specialisation Business Double Major/Extended Major/Specialisation
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**Year 4, Semester 1**

BSB111	Business Law And Ethics Mathematics Elective (Level 2 or 3) Mathematics Elective (Level 2 or 3) Mathematics Elective (Level 2 or 3) Business Double Major/Extended Major/Specialisation
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**Year 4, Semester 2**

	Mathematics Elective (Level 2 or 3) Mathematics Elective (Level 2 or 3) Mathematics Elective (Level 2 or 3) Business Double Major/Extended Major/Specialisation Students must select BSB119 International & Electronic Business to replace one of the Mathematics Electives
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**Extended Major in Financial Economics (for Economics Major)**

EFB210	Finance 1
EFB324	Macroeconomics Of Global Financial Markets
EFB325	Financial Microeconomics
EFB326	Applied Portfolio Management Plus two units from the Financial Economics Extended Major Options list below
EFB200	Applied Regression Analysis
EFB201	Financial Markets
EFB327	Econometrics Of Financial Markets
EFB328	Public Economics And Finance

**Course structure - Mathematics Electives**
**Level 2 units**

MAB312	Linear Algebra
MAB314	Statistical Modelling 2
MAB315	Operations Research 2
MAB413	Differential Equations
MAB414	Applied Statistics 2
MAB420	Computational Mathematics 2
MAB422	Mathematical Modelling

**Level 3 units**

MAB521	Applied Mathematics 3
MAB522	Computational Mathematics 3
MAB523	Introduction to Quality Management
MAB524	Statistical Inference
MAB525	Operations Research 3A
MAB526	Statistical Science 3
MAB613	Partial Differential Equations
MAB621	Discrete Mathematics
MAB623	Financial Mathematics
MAB624	Applied Statistics 3
MAB625	Operations Research 3B
MAB640	Industry Project
MAB672	Advanced Mathematical Modelling

## ■ Bachelor of Applied Science (Mathematics)/Bachelor of Information Technology (IF58)

**Award title:** Bachelor of Applied Science (Mathematics)/Bachelor of Information Technology

**CRICOS code:** 020327M

**Location:** Gardens Point

**Course duration (full-time):** 4 Years

**Total credit points:** 420 (Note: The minimum course load per semester required for full-time enrolment may be more than 36 credit points)

**Course coordinator:** Assoc Prof Helen MacGillivray (Science); Assoc Prof Colin Boyd (IT)

**Career Outcomes**

A graduate may find employment as a programmer, software engineer, systems programmer, technical support specialist, systems manager, systems designer, computer scientist, systems analyst, data communications specialist, mathematician, statistician.

**Professional Recognition**

On graduation, students will be eligible for membership of the Mathematical Society of Australia, the Statistical Society of Australia Inc and, depending on unit selection, the Australian Society for Operations Research. Graduates of the Bachelor of Information Technology meet the knowledge requirement for admission to the Australian Computer Society.

**Course structure - Students commencing Semester 1 2003**

For students with four semesters of Senior Mathematics B and Senior Mathematics C (or equivalent) with an exit assessment of at least Sound Achievement in both

**Year 1, Semester 1**

ITB111	Software Development 1
ITB115	Introduction to Databases
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C

**Year 1, Semester 2**

ITB112	Software Development 2
ITB114	Introduction to Network Technologies
ITB118	Systems Life Cycle
MAB210	Statistical Modelling 1
MAB220	Computational Mathematics 1

**Year 2, Semester 1**

ITB113	Introduction to Computer Architecture and System Software
ITB421	Software Development 3
ITB524	Internetworking
MAB101	Statistical Data Analysis 1 Level 2 or 3 Maths unit

**Year 2, Semester 2**

ITB527	Network Technologies
ITB529	Network Services Level 2 or 3 Maths unit Level 2 or 3 Maths unit

**Year 3, Semester 1**

ITB420	Computer Architecture IT Specialisation Unit selected from List 1 Level 2 or 3 Maths unit Level 2 or 3 Maths unit
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**Year 3, Semester 2**

ITB424	Software Engineering Principles
ITB448	Object Technology Level 2 or 3 Maths unit Level 2 or 3 Maths unit Elective *

**Year 4, Semester 1**

ITB432	Advanced Programming Laboratory IT Specialisation Unit from List 1 Level 2 or 3 Maths unit Level 2 or 3 Maths unit
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**Year 4, Semester 2**

IT Specialisation unit from List 1  
IT Specialisation unit from List 1  
Level 2 or 3 Maths unit  
Level 2 or 3 Maths unit  
\* This elective unit may be taken from any faculty in QUT,  
subject to the approval of the Head of School

For students with four semesters of Senior Mathematics B (or equivalent) only, with an exit assessment of at least Sound Achievement

**Year 1, Semester 1**

ITB111	Software Development 1
ITB115	Introduction to Databases
MAB100	Mathematical Sciences 1A
MAB101	Statistical Data Analysis 1

**Year 1, Semester 2**

ITB112	Software Development 2
ITB114	Introduction to Network Technologies
ITB118	Systems Life Cycle
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C

**Year 2, Semester 1**

ITB113	Introduction to Computer Architecture and System Software
ITB421	Software Development 3
ITB524	Internetworking Level 2 or 3 Maths unit Level 2 or 3 Maths unit

**Year 2, Semester 2**

ITB527	Network Technologies
ITB529	Network Services
MAB210	Statistical Modelling 1
MAB220	Computational Mathematics 1

**Year 3, Semester 1**

ITB420	Computer Architecture IT Specialisation unit selected from List 1
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Level 2 or 3 Maths unit  
Level 2 or 3 Maths unit

**Year 3, Semester 2**

ITB424	Software Engineering Principles
ITB448	Object Technology Level 2 or 3 Maths unit Level 2 or 3 Maths unit Level 2 or 3 Maths unit

**Year 4, Semester 1**

ITB432	Advanced Programming Laboratory IT Specialisation unit from List 1 Level 2 or 3 Maths unit Level 2 or 3 Maths unit
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**Year 4, Semester 2**

IT Specialisation unit from List 1  
IT Specialisation unit from List 1  
Level 2 or 3 Maths unit  
Level 2 or 3 Maths unit

**List 1: Information Technology Specialisation Units**

Select five units from the following list of units:

**COMPUTING SCIENCE:**

ITB420	Computer Architecture
ITB427	Concurrent And Distributed Systems
ITB433	Programming Languages
ITB434	Parallel Computing
ITB441	Graphics
ITB442	Foundations Of Artificial Intelligence
ITB447	Project
ITB456	Graphic User Interfaces
ITB458	Java And Extensible Programming
ITB461	Foundations Of Neurocomputing
ITB463	Pattern Recognition
ITB464	Modern Compiler Construction
ITB466	Component Technology
ITB468	Software Engineering Project
ITB469	Unix Systems Programming And Administration
ITB470	Windows 2000 System Programming And Administration

**DATA COMMUNICATIONS:**

ITB523	Data Security
ITB525	Network Administration
ITB533	Comparative Network Systems
ITB549	Error Control And Data Compression
ITB551	Network Planning
ITB564	Application Services
ITB565	Network Management
ITB566	Introduction To Cryptology
ITB568	Wireless Networks
ITB569	Network Security For E-Commerce
ITB576	Data Communications Project 1

\* Information on unit availability is subject to change

Note: All Information Technology units have 3 contact hours per week

**Mathematics Units**

Students must complete at least 48 credit points from Level 3

Mathematics units:

**LEVEL 2 UNITS:**

MAB311	Advanced Calculus
MAB312	Linear Algebra
MAB313	Mathematics of Finance
MAB314	Statistical Modelling 2
MAB315	Operations Research 2
MAB380	Introduction to Supercomputing
MAB413	Differential Equations
MAB414	Applied Statistics 2
MAB420	Computational Mathematics 2
MAB422	Mathematical Modelling
MAB481	Visualisation and Data Analysis

**LEVEL 3 UNITS:**

MAB521	Applied Mathematics 3
MAB522	Computational Mathematics 3
MAB523	Introduction to Quality Management
MAB524	Statistical Inference
MAB525	Operations Research 3A
MAB526	Statistical Science 3
MAB580	Scientific Computation
MAB613	Partial Differential Equations
MAB621	Discrete Mathematics
MAB623	Financial Mathematics
MAB624	Applied Statistics 3
MAB625	Operations Research 3B

MAB640 Industry Project  
 MAB672 Advanced Mathematical Modelling  
 MAB681 Advanced Visualisation and Data Analysis  
 Note: All Mathematics units have 4 contact hours per week

### Course structure - Students commencing Semester 1 2001 or Semester 1 2002

For students with four semesters of Senior Mathematics B and Senior Mathematics C (or equivalent) with an exit assessment of at least Sound Achievement in both

#### Year 1, Semester 1

ITB225 Introduction To Databases  
 ITB410 Software Development 1  
 MAB111 Mathematical Sciences 1B  
 MAB112 Mathematical Sciences 1C

#### Year 1, Semester 2

ITB107 Programming Laboratory  
 ITB411 Software Development 2  
 ITB510 Data Communications  
 MAB210 Statistical Modelling 1  
 MAB220 Computational Mathematics 1

#### Year 2, Semester 1

ITB412 Technology Of Information Systems  
 ITB421 Software Development 3  
 ITB524 Internetworking  
 MAB101 Statistical Data Analysis 1  
 Level 2 or 3 Maths unit

#### Year 2, Semester 2

ITB527 Network Technologies  
 ITB529 Network Services  
 Level 2 or 3 Maths unit  
 Level 2 or 3 Maths unit

#### Year 3, Semester 1

ITB448 Object Technology  
 IT Specialisation Unit selected from List 1  
 Level 2 or 3 Maths unit  
 Level 2 or 3 Maths unit

#### Year 3, Semester 2

ITB424 Software Engineering Principles  
 IT Specialisation Unit selected from List 1  
 Level 2 or 3 Maths unit  
 Level 2 or 3 Maths unit  
 Elective \*

#### Year 4, Semester 1

ITB432 Advanced Programming Laboratory  
 IT Specialisation Unit from List 1  
 Level 2 or 3 Maths unit  
 Level 2 or 3 Maths unit

#### Year 4, Semester 2

IT Specialisation unit from List 1  
 IT Specialisation unit from List 1  
 Level 2 or 3 Maths unit  
 Level 2 or 3 Maths unit  
 \* This elective unit may be taken from any faculty in QUT,  
 subject to the approval of the Head of School

For students with four semesters of Senior Mathematics B (or equivalent) only, with an exit assessment of at least Sound Achievement

#### Year 1, Semester 1

ITB225 Introduction To Databases  
 ITB410 Software Development 1  
 MAB100 Mathematical Sciences 1A  
 MAB101 Statistical Data Analysis 1

#### Year 1, Semester 2

ITB107 Programming Laboratory  
 ITB411 Software Development 2  
 ITB510 Data Communications  
 MAB111 Mathematical Sciences 1B  
 MAB112 Mathematical Sciences 1C

#### Year 2, Semester 1

ITB412 Technology Of Information Systems  
 ITB421 Software Development 3  
 ITB524 Internetworking  
 Level 2 or 3 Maths unit  
 Level 2 or 3 Maths unit

#### Year 2, Semester 2

ITB527 Network Technologies  
 ITB529 Network Services  
 MAB210 Statistical Modelling 1

MAB220 Computational Mathematics 1

#### Year 3, Semester 1

ITB448 Object Technology  
 IT Specialisation unit selected from List 1  
 Level 2 or 3 Maths unit  
 Level 2 or 3 Maths unit

#### Year 3, Semester 2

ITB424 Software Engineering Principles  
 IT Specialisation unit selected from List 1  
 Level 2 or 3 Maths unit  
 Level 2 or 3 Maths unit  
 Level 2 or 3 Maths unit

#### Year 4, Semester 1

ITB432 Advanced Programming Laboratory  
 IT Specialisation unit from List 1  
 Level 2 or 3 Maths unit  
 Level 2 or 3 Maths unit

#### Year 4, Semester 2

IT Specialisation unit from List 1  
 IT Specialisation unit from List 1  
 Level 2 or 3 Maths unit  
 Level 2 or 3 Maths unit

#### List 1: Information Technology Specialisation Units

Select five units from the following list of units:

##### COMPUTING SCIENCE:

ITB420 Computer Architecture  
 ITB427 Concurrent And Distributed Systems  
 ITB433 Programming Languages  
 ITB434 Parallel Computing  
 ITB441 Graphics  
 ITB442 Foundations Of Artificial Intelligence  
 ITB447 Project  
 ITB456 Graphic User Interfaces  
 ITB458 Java And Extensible Programming  
 ITB461 Foundations Of Neurocomputing  
 ITB463 Pattern Recognition  
 ITB464 Modern Compiler Construction  
 ITB466 Component Technology  
 ITB468 Software Engineering Project  
 ITB469 Unix Systems Programming And Administration  
 ITB470 Windows 2000 System Programming And Administration

##### DATA COMMUNICATIONS:

ITB523 Data Security  
 ITB525 Network Administration  
 ITB533 Comparative Network Systems  
 ITB549 Error Control And Data Compression  
 ITB551 Network Planning  
 ITB564 Application Services  
 ITB565 Network Management  
 ITB566 Introduction To Cryptology  
 ITB568 Wireless Networks  
 ITB569 Network Security For E-Commerce  
 ITB576 Data Communications Project 1

\* Information on unit availability is subject to change

Note: All Information Technology units have 3 contact hours per week

#### Mathematics Units

See 2003 Course Structure in this course for details.

### Course structure - Students who commenced Semester 1 2000

#### Year 3, Semester 1

ITB420 Computer Architecture  
 IT Specialisation Unit selected from List 1  
 Level 2 or 3 Maths Unit  
 Level 2 or 3 Maths Unit

#### Year 3, Semester 2

ITB424 Software Engineering Principles  
 ITB448 Object Technology  
 Level 2 or 3 Maths Unit  
 Level 2 or 3 Maths Unit

#### Year 4, Semester 1

ITB432 Advanced Programming Laboratory  
 IT Specialisation Unit selected from List 1  
 Level 2 or 3 Maths unit  
 Level 2 or 3 Maths unit

#### Year 4, Semester 2

IT Specialisation Unit selected from List 1  
 IT Specialisation Unit selected from List 1  
 Level 2 or 3 Maths unit

Level 2 or 3 Maths unit

**List 1: Information Technology Specialisation Units**

Select four units from the following list of units:

**COMPUTING SCIENCE:**

ITB420	Computer Architecture
ITB427	Concurrent And Distributed Systems
ITB433	Programming Languages
ITB434	Parallel Computing
ITB441	Graphics
ITB442	Foundations Of Artificial Intelligence
ITB447	Project
ITB456	Graphic User Interfaces
ITB458	Java And Extensible Programming
ITB461	Foundations Of Neurocomputing
ITB463	Pattern Recognition
ITB464	Modern Compiler Construction
ITB466	Component Technology
ITB468	Software Engineering Project
ITB469	Unix Systems Programming And Administration
ITB470	Windows 2000 System Programming And Administration

**DATA COMMUNICATIONS:**

ITB523	Data Security
ITB525	Network Administration
ITB533	Comparative Network Systems
ITB549	Error Control And Data Compression
ITB551	Network Planning
ITB564	Application Services
ITB565	Network Management
ITB566	Introduction To Cryptology
ITB568	Wireless Networks
ITB569	Network Security For E-Commerce
ITB576	Data Communications Project 1

**Mathematics Units**

See 2003 Course Structure in this course for details.

**Course structure - Students who commenced Semester 1 1999 or previous years**

Students who need to complete units from year 1 to 3 should contact the Associate Course Coordinator for enrolment advice

**INFORMATION TECHNOLOGY MAJORS**

Information Technology majors are available in the following areas:

- A: Data Communications (DAT)
- B: Information Management (IFM)
- C: Information Systems (ISS)
- D: Software Engineering (SOF)

**A: Data Communications Major (DAT)**

**Year 4, Semester 1**

- Specialisation Unit selected from List 2
- Specialisation Unit selected from List 2
- Level 2 or 3 Maths Unit
- Level 2 or 3 Maths Unit

**Year 4, Semester 2**

- Specialisation Unit selected from List 2
- Specialisation Unit selected from List 2
- Level 2 or 3 Maths Unit
- Level 2 or 3 Maths Unit
- The following maths units must be undertaken by students in the Data Communications Major: MAB315 Operations Research 2 and MAB312 Linear Algebra
- LIST 2: SPECIALISATION UNITS
- In addition to the mandatory units, students undertaking the Data Communications Major are required to successfully complete the following:

Any five units to be selected - Any 3 units included in List 2A, and any other 2 units listed in either List 2A or 2B

List 2A:

ITB523	Data Security
ITB529	Network Services
ITB533	Comparative Network Systems
ITB549	Error Control And Data Compression
ITB551	Network Planning
ITB564	Application Services
ITB565	Network Management
ITB566	Introduction To Cryptology
ITB576	Data Communications Project 1
ITN556	Advanced Topics In Cryptology

Data Communications major students who complete the Industrial Internship Program will substitute ITB906 Industrial Training Experience for ITB576

List 2B:

ITB222	Business Systems Analysis
ITB241	Information Technology Management
ITB257	Multimedia Systems
ITB258	ABAP Programming
ITB260	E-Commerce Site Development
ITB427	Concurrent And Distributed Systems
ITB448	Object Technology
ITB458	Java And Extensible Programming
ITB469	Unix Systems Programming And Administration

**B: Information Management Major (IFM)**

**Year 4, Semester 1**

- ITB226 Information Theory
- Specialisation Unit selected from List 3
- Level 2 or 3 Maths Unit
- Level 2 or 3 Maths Unit

**Year 4, Semester 2**

- ITB330 Information Issues
- Specialisation Unit selected from List 3
- Level 2 or 3 Maths Unit
- Level 2 or 3 Maths Unit
- LIST 3: SPECIALISATION UNIT
- Three units to be selected from one of the following specialisations:

Business:

BSB114	Government, Business And Society
BSB116	Marketing And International Business
ITB240	Project (Information Systems)
ITB341	Strategic Information And Knowledge Management
PYB057	Applied Cognitive Psychology

Library Studies:

ITB335	Digital Libraries
ITB337	Information Organisation 1
ITB338	Information Resource Provision
ITB339	Professional Practice

Science of Information:

ITB229	Information Systems Specification
ITB240	Project (Information Systems)
ITB335	Digital Libraries
MAB101	Statistical Data Analysis 1

Information Systems:

ITB240	Project (Information Systems)
ITB241	Information Technology Management
ITB260	E-Commerce Site Development

Information Systems Elective

Information Management major students who complete the Industrial Internship Program will substitute ITB906 for ITB240 Group Project

**C: Information Systems Major (ISS)**

**Year 4, Semester 1**

ITB223	4GL Systems
ITB241	Information Technology Management
	Level 2 or 3 Maths Unit
	Level 2 or 3 Maths Unit

**Year 4, Semester 2**

ITB236	Object-Oriented Analysis And Design
ITB240	Project (Information Systems)
	Level 2 or 3 Maths Unit
	Level 2 or 3 Maths Unit
	Information Systems major students who complete the Industrial Internship Program will substitute ITB906 Industrial Training Experience for ITB240

**D: Software Engineering Major (SOF)**

**Year 4, Semester 1**

ITB432	Advanced Programming Laboratory
ITB433	Programming Languages
	Level 2 or 3 Maths Unit
	Level 2 or 3 Maths Unit
	Computing Science major students who complete the Industrial Internship Education program will substitute ITB906 Industrial Training Experience for ITB432

**Year 4, Semester 2**

- IT Elective Unit \*
- Specialisation Unit selected from List 4
- Level 2 or 3 Maths Unit
- Level 2 or 3 Maths Unit
- \* To be selected from units available in the Bachelor of Information Technology, subject to the approval of the major coordinator



**LIST 4: SPECIALISATION UNITS**

Two units to be selected from one of the following specialisations:

Computing Systems:

ITB464	Modern Compiler Construction
ITB469	Unix Systems Programming And Administration
ITB470	Windows 2000 System Programming And Administration
	Neurocomputing/Artificial Intelligence:
ITB442	Foundations Of Artificial Intelligence
ITB461	Foundations Of Neurocomputing
	Software Engineering:
ITB454	Software Quality Assurance
ITB466	Component Technology

**MATHEMATICS UNITS**

See 2003 Course Structure in this course for details.

## ■ Bachelor of Applied Science/Bachelor of Business (IF61)

**Award title:** Bachelor of Applied Science (Study Area

A)/Bachelor of Business (Study Area A)

**Location:** Gardens Point

**Course duration (full-time):** 4 years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 54 (average)

**Course coordinator:** Dr Megan Hargreaves (Science); Mr Andrew Paltridge (Business)

**Discipline coordinator:** Dr John Sweeting (Accountancy); Ms Gayle Kerr (Advertising); Mr John Polichronis (Banking and Finance); Mr Eugene McCann (Economics); Ms Sherrena Buckby (Electronic Business); Dr Kate Hutchings (Human Resource Management); Mr Simon Ridings (International Business); Dr Glenda Maconachie (Management); Ms Cathy Neal (Marketing); Ms Robina Xavier (Public Relations)

### Professional Recognition

For graduates with approved study relevant professional bodies include: Australasian Association of Clinical Biochemists, Australasian Institute of Mining and Metallurgy, Australian Biotechnology Association, Australian Institute of Geoscientists, Australian Institute of Physics, Australian Society for Biochemistry and Molecular Biology, Australian Society for Medical Research, Australian Society for Microbiology, Ecological Society of Australia, Geological Society of Australia, Royal Australian Chemical Institute.

Students completing the Bachelor of Business degree may, subject to choice of major, extended major and elective units, satisfy the academic requirements for membership of Certified Practising Accountants (CPA) Australia, Institute of Chartered Accountants in Australia (ICAA), Australasian Institute of Banking and Finance, Economic Society of Australia (Queensland Division), Australasian Institute of Export, Advertising Institute of Australia, Society of Business Communicators, Public Relations Institute of Australia, Australian Human Resources Institute, Australian Institute of Management, Australian Institute of Training and Development, Australian Marketing Institute, Marketing Research Society of Australia, American Marketing Association.

### Course Structure

Students are required to complete 432 credit points comprised of 192 credit points from the Bachelor of Applied Science program and 240 credit points from the Bachelor of Business program. Students supplement the applied science component of this program with the 96 credit point faculty core units in the Bachelor of Business program together with a 72 point credit point major, and a further 72 credit points in which the student must complete one of the following: double major, extended major or specialisation. Business majors available are: Accountancy, Advertising, Banking and Finance, Economics, Electronic Business, Human Resource Management, International Business, Management, Marketing and Public Relations.

The Applied Science component includes the science core units, one major and one minor area of study. Applied Science majors: Biochemistry, Biotechnology, Chemistry, Ecology, Environmental Science, Geoscience, Microbiology and Physics.

The full-time course structure indicated below is generalised because of the flexibility of the double degree program, which allows students to combine one of nine business majors (plus an associated double major, extended major, or specialisation) with one of eight science majors.

### Course Requirements

Students with a major of Accounting, Banking and Finance or Economics, replace EFB101 Data Analysis for Business with MAB101 Statistical Data Analysis 1, and select an Applied Science elective related to their science major to satisfy the Science component.

### Course Structure - Accountancy

#### Year 1, Semester 1

BSB110	Accounting
BSB113	Economics
	Applied Science Core - List A
	Applied Science Core - List A

#### Year 1, Semester 2

BSB111	Business Law And Ethics
BSB122	Business Information Analysis And Communication
AYB121	Financial Accounting
	Applied Science Core - List A
	Applied Science Core - List B

#### Year 2, Semester 1

BSB115	Management, People And Organisations
MAB101	Statistical Data Analysis 1
AYB220	Company Accounting
	Applied Science Core - List B
	Applied Science Core - List B

#### Year 2, Semester 2

BSB114	Government, Business And Society
BSB126	Marketing
	Applied Science Major - Level 1 or Level 2
	Applied Science Major - Level 1 or Level 2

#### Year 3, Semester 1

AYB225	Management Accounting
BSB119	International And Electronic Business
	Applied Science Major - Level 2
	Applied Science Major - Level 2

#### Year 3, Semester 2

AYB221	Computerised Accounting Systems
	Business Double Major/Extended Major/Specialisation Unit
	Business Double Major/Extended Major/Specialisation Unit
	Applied Science Major - Level 2
	Applied Science Major - Level 2

#### Year 4, Semester 1

AYB301	Auditing
	Business Double Major/Extended Major/Specialisation Unit
	Business Double Major/Extended Major/Specialisation Unit
	Applied Science Major - Level 3
	Applied Science Major - Level 3

#### Year 4, Semester 2

	Business Double Major/Extended Major/Specialisation Unit
	Business Double Major/Extended Major/Specialisation Unit
	Applied Science Major - Level 3
	Applied Science Major - Level 3

### Course Structure - Advertising

#### Year 1, Semester 1

BSB122	Business Information Analysis And Communication
BSB126	Marketing
	Applied Science Core - List A
	Applied Science Core - List A

#### Year 1, Semester 2

BSB114	Government, Business And Society
AMB200	Consumer Behaviour
AMB220	Advertising Theory And Practice
	Applied Science Core - List A
	Applied Science Core - List B

**Year 2, Semester 1**

BSB115 Management, People And Organisations  
 BSB119 International And Electronic Business  
 AMB222 Media Planning  
 Applied Science Core - List B  
 Applied Science Core - List B

**Year 2, Semester 2**

AMB221 Advertising Copywriting  
 Business Double Major/Extended Major/ Specialisation Unit  
 Applied Science Major - Level 1 or Level 2  
 Applied Science Major - Level 1 or Level 2

**Year 3, Semester 1**

BSB113 Economics  
 Business Double Major/Extended Major/ Specialisation Unit  
 Applied Science Major - Level 1  
 Applied Science Major - Level 1

**Year 3, Semester 2**

BSB110 Accounting  
 BSB111 Business Law And Ethics  
 Business Double Major/Extended Major/ Specialisation Unit  
 Applied Science Major - Level 2  
 Applied Science Major - Level 2

**Year 4, Semester 1**

AMB320 Advertising Management  
 Business Double Major/Extended Major/ Specialisation Unit  
 Business Double Major/Extended Major/ Specialisation Unit  
 Applied Science Major - Level 3  
 Applied Science Major - Level 3

**Year 4, Semester 2**

AMB321 Advertising Campaigns  
 Business Double Major/Extended Major/ Specialisation Unit  
 Applied Science Major - Level 3  
 Applied Science Major - Level 3

**Course Structure - Banking & Finance**
**Year 1, Semester 1**

BSB110 Accounting  
 BSB113 Economics  
 Applied Science Core - List A  
 Applied Science Core - List A

**Year 1, Semester 2**

BSB122 Business Information Analysis And Communication  
 EFB102 Economics 2  
 MAB101 Statistical Data Analysis 1  
 Applied Science Core - List A  
 Applied Science Core - List B

**Year 2, Semester 1**

BSB119 International And Electronic Business  
 BSB126 Marketing  
 EFB210 Finance 1  
 Applied Science Core - List B  
 Applied Science Core - List B

**Year 2, Semester 2**

BSB114 Government, Business And Society  
 EFB307 Finance 2  
 Applied Science Major - Level 1 or Level 2  
 Applied Science Major - Level 1 or Level 2

**Year 3, Semester 1**

BSB111 Business Law And Ethics  
 Business Double Major/Extended Major/Specialisation Unit  
 Applied Science Major - Level 2  
 Applied Science Major - Level 2

**Year 3, Semester 2**

BSB115 Management, People And Organisations  
 EFB312 International Finance And Economics  
 Business Double Major/Extended Major/Specialisation Unit  
 Applied Science Major - Level 2  
 Applied Science Major - Level 2

**Year 4, Semester 1**

EFB201 Financial Markets  
 Business Double Major/Extended Major/Specialisation Unit  
 Business Double Major/Extended Major/Specialisation Unit  
 Applied Science Major - Level 3  
 Applied Science Major - Level 3

**Year 4, Semester 2**

Business Double Major/Extended Major/Specialisation Unit  
 Business Double Major/Extended Major/Specialisation Unit  
 Applied Science Major - Level 3  
 Applied Science Major - Level 3

**Course Structure - Economics**
**Year 1, Semester 1**

BSB113 Economics  
 BSB122 Business Information Analysis And Communication  
 Applied Science Core - List A  
 Applied Science Core - List A

**Year 1, Semester 2**

BSB119 International And Electronic Business  
 EFB102 Economics 2  
 MAB101 Statistical Data Analysis 1  
 Applied Science Core - List A  
 Applied Science Core - List B

**Year 2, Semester 1**

BSB110 Accounting  
 BSB126 Marketing  
 EFB202 Business Cycles And Economic Growth  
 Applied Science Core - List B  
 Applied Science Core - List B

**Year 2, Semester 2**

BSB114 Government, Business And Society  
 EFB323 Financial And Monetary Economics  
 Applied Science Major - Level 1 or Level 2  
 Applied Science Major - Level 1 or Level 2

**Year 3, Semester 1**

EFB211 Firms, Markets And Resources  
 Business Double Major/Extended Major/Specialisation Unit  
 Applied Science Major - Level 2  
 Applied Science Major - Level 2

**Year 3, Semester 2**

BSB115 Management, People And Organisations  
 EFB314 International Trade And Economic Competitiveness  
 Business Double Major/Extended Major/Specialisation Unit  
 Applied Science Major - Level 2  
 Applied Science Major - Level 2

**Year 4, Semester 1**

BSB111 Business Law And Ethics  
 Business Double Major/Extended Major/Specialisation Unit  
 Business Double Major/Extended Major/Specialisation Unit  
 Applied Science Major - Level 2  
 Applied Science Major - Level 2

**Year 4, Semester 2**

Business Double Major/Extended Major/Specialisation Unit  
 Business Double Major/Extended Major/Specialisation Unit  
 Applied Science Major - Level 3  
 Applied Science Major - Level 3

**Course Structure - Electronic Business**

NOTE: The EB Major can only be undertaken in conjunction with another Business Major

**Year 1, Semester 1**

BSB119 International And Electronic Business  
 BSB122 Business Information Analysis And Communication  
 Applied Science Core - List A  
 Applied Science Core - List A

**Year 1, Semester 2**

BSB110 Accounting  
 BSB115 Management, People And Organisations  
 ITB825 Electronic Business Information Systems  
 Applied Science Core - List A  
 Applied Science Core - List B

**Year 2, Semester 1**

BSB111 Business Law And Ethics  
 BSB126 Marketing  
 BSB212 Electronic Business Applications  
 Applied Science Core - List B  
 Applied Science Core - List B

**Year 2, Semester 2**

BSB113 Economics  
 BSB114 Government, Business And Society  
 Applied Science Major - Level 1 or Level 2  
 Applied Science Major - Level 1 or Level 2

**Year 3, Semester 1**

MGB334 Managing In A Changing Environment  
 Electronic Business Elective (see list below)  
 Applied Science Major - Level 2  
 Applied Science Major - Level 2

**Year 3, Semester 2**

BSB213 Legal Issues In Electronic Business  
 BSB313 Business Strategy And Technology

Business Double Major Unit  
Applied Science Major - Level 2  
Applied Science Major - Level 2

**Year 4, Semester 1**

Business Double Major Unit  
Business Double Major Unit  
Business Double Major Unit  
Applied Science Major - Level 3  
Applied Science Major - Level 3

**Year 4, Semester 2**

Business Double Major Unit  
Business Double Major Unit  
Applied Science Major - Level 3  
Applied Science Major - Level 3

**Electronic Business Elective List:**

AMB230 Internet Promotion  
AMB241 E-Marketing Strategies  
AYB221 Computerised Accounting Systems  
IBB223 Emerging Technologies And International Business  
ITB233 Enterprise Systems Applications  
ITB823 Web Sites For Electronic Commerce  
ITB114 Introduction to Network Technologies  
MGB216 Managing Technology, Innovation And Knowledge

**Course Structure - Human Resource Management**

**Year 1, Semester 1**

BSB115 Management, People And Organisations  
BSB122 Business Information Analysis And Communication  
Applied Science Core - List A  
Applied Science Core - List A

**Year 1, Semester 2**

BSB113 Economics  
BSB114 Government, Business And Society  
MGB222 Managing Organisations  
Applied Science Core - List A  
Applied Science Core - List B

**Year 2, Semester 1**

BSB119 International And Electronic Business  
BSB126 Marketing  
MGB220 Management Research Methods  
Applied Science Core - List B  
Applied Science Core - List B

**Year 2, Semester 2**

BSB110 Accounting  
BSB111 Business Law And Ethics  
Applied Science Major - Level 1 or Level 2  
Applied Science Major - Level 1 or Level 2

**Year 3, Semester 1**

MGB207 Human Resource Issues And Strategy  
MGB211 Organisational Behaviour  
Applied Science Major - Level 2  
Applied Science Major - Level 2

**Year 3, Semester 2**

Double Major/Extended Major/Specialisation  
Double Major/Extended Major/Specialisation  
Applied Science Major - Level 2  
Applied Science Major - Level 2

**Year 4, Semester 1**

MGB314 Organisational Consulting And Change  
Double Major/Extended Major/Specialisation  
Double Major/Extended Major/Specialisation  
Applied Science Major - Level 3  
Applied Science Major - Level 3

**Year 4, Semester 2**

MGB309 Strategic Management  
Double Major/Extended Major/Specialisation  
Double Major/Extended Major/Specialisation  
Applied Science Major - Level 3  
Applied Science Major - Level 3

**Course Structure - International Business**

**Year 1, Semester 1**

BSB113 Economics  
BSB119 International And Electronic Business  
Applied Science Core - List A  
Applied Science Core - List A

**Year 1, Semester 2**

BSB114 Government, Business And Society  
BSB126 Marketing

IBB202 Business And The World Economy  
Applied Science Core - List A  
Applied Science Core - List B

**Year 2, Semester 1**

BSB115 Management, People And Organisations  
BSB122 Business Information Analysis And Communication  
IBB211 Globalisation And Business  
Applied Science Core - List B  
Applied Science Core - List B

**Year 2, Semester 2**

BSB110 Accounting  
BSB111 Business Law And Ethics  
Applied Science Major - Level 1 or Level 2  
Applied Science Major - Level 1 or Level 2

**Year 3, Semester 1**

IBB210 Export Management  
Area Study 1  
Applied Science Major - Level 2  
Applied Science Major - Level 2

**Year 3, Semester 2**

Area Study 2  
Business Double Major/Extended Major/Specialisation Unit  
Business Double Major/Extended Major/Specialisation Unit  
Applied Science Major - Level 2  
Applied Science Major - Level 2

**Year 4, Semester 1**

IBB300 International Business Strategy  
Business Double Major/Extended Major/Specialisation Unit  
Business Double Major/Extended Major/Specialisation Unit  
Applied Science Major - Level 2  
Applied Science Major - Level 2

**Year 4, Semester 2**

Business Double Major/Extended Major/Specialisation Unit  
Business Double Major/Extended Major/Specialisation Unit  
Applied Science Major - Level 3  
Applied Science Major - Level 3

**Area Study Options:**

Students must select one of the following pairs of area study units:

IBB217 Asian Business Development  
IBB317 Contemporary Business In Asia  
OR  
IBB208 European Business Development  
IBB308 Contemporary Business In Europe

**Course Structure - Management**

**Year 1, Semester 1**

BSB115 Management, People And Organisations  
BSB122 Business Information Analysis And Communication  
Applied Science Core - List A  
Applied Science Core - List A

**Year 1, Semester 2**

BSB113 Economics  
BSB114 Government, Business And Society  
MGB222 Managing Organisations  
Applied Science Core - List A  
Applied Science Core - List B

**Year 2, Semester 1**

BSB119 International And Electronic Business  
BSB126 Marketing  
MGB220 Management Research Methods  
Applied Science Core - List B  
Applied Science Core - List B

**Year 2, Semester 2**

BSB110 Accounting  
BSB111 Business Law And Ethics  
Applied Science Major - Level 1 or Level 2  
Applied Science Major - Level 1 or Level 2

**Year 3, Semester 1**

MGB210 Production And Service Management  
MGB211 Organisational Behaviour  
Applied Science Major - Level 2  
Applied Science Major - Level 2

**Year 3, Semester 2**

MGB334 Managing In A Changing Environment  
Double Major /Extended Major/Specialisation Unit  
Applied Science Major - Level 2  
Applied Science Major - Level 2

**Year 4, Semester 1**

Double Major /Extended Major/Specialisation Unit  
 Double Major /Extended Major/Specialisation Unit  
 Double Major /Extended Major/Specialisation Unit  
 Applied Science Major - Level 3  
 Applied Science Major - Level 3

**Year 4, Semester 2**

MGB309 Strategic Management  
 Double Major /Extended Major/Specialisation Unit  
 Double Major /Extended Major/Specialisation Unit  
 Applied Science Major - Level 3  
 Applied Science Major - Level 3

**Course Structure - Marketing Major**
**Year 1, Semester 1**

BSB122 Business Information Analysis And Communication  
 BSB126 Marketing  
 Applied Science - List A  
 Applied Science - List A

**Year 1, Semester 2**

BSB114 Government, Business And Society  
 AMB200 Consumer Behaviour  
 AMB240 Marketing Planning And Management  
 Applied Science Core - List A  
 Applied Science Core - List B

**Year 2, Semester 1**

BSB115 Management, People And Organisations  
 BSB119 International And Electronic Business  
 AMB201 Market And Audience Research  
 Applied Science Core - List B  
 Applied Science Core - List B

**Year 2, Semester 2**

AMB241 E-Marketing Strategies  
 Business Double Major/Extended Major/Specialisation Unit  
 Applied Science Major - Level 1 or Level 2  
 Applied Science Major - Level 1 or Level 2

**Year 3, Semester 1**

BSB113 Economics  
 Business Double Major/Extended Major/Specialisation Unit  
 Applied Science Major - Level 2  
 Applied Science Major - Level 2

**Year 3, Semester 2**

BSB110 Accounting  
 BSB111 Business Law And Ethics  
 Business Double Major/Extended Major/Specialisation Unit  
 Applied Science Major - Level 2  
 Applied Science Major - Level 2

**Year 4, Semester 1**

AMB340 Services Marketing  
 Business Double Major/Extended Major/Specialisation Unit  
 Business Double Major/Extended Major/Specialisation Unit  
 Applied Science Major - Level 3  
 Applied Science Major - Level 3

**Year 4, Semester 2**

AMB341 Strategic Marketing  
 Business Double Major/Extended Major/Specialisation Unit  
 Applied Science Major - Level 3  
 Applied Science Major - Level 3

**Course Structure - Public Relations**
**Year 1, Semester 1**

BSB122 Business Information Analysis And Communication  
 BSB126 Marketing  
 Applied Science Core - List A  
 Applied Science Core - List A

**Year 1, Semester 2**

BSB114 Government, Business And Society  
 BSB119 International And Electronic Business  
 AMB260 Public Relations Theory And Practice  
 Applied Science Core - List A  
 Applied Science Core - List B

**Year 2, Semester 1**

BSB115 Management, People And Organisations  
 AMB201 Market And Audience Research  
 AMB261 Media Relations And Publicity  
 Applied Science Core - List B  
 Applied Science Core - List B

**Year 2, Semester 2**

AMB262 Public Relations Writing

Business Double Major/Extended Major/Specialisation  
 Applied Science Major - Level 1 or Level 2  
 Applied Science Major - Level 1 or Level 2

**Year 3, Semester 1**

BSB113 Economics  
 Business Double Major/Extended Major/Specialisation  
 Applied Science Major - Level 2  
 Applied Science Major - Level 2

**Year 3, Semester 2**

BSB110 Accounting  
 BSB111 Business Law And Ethics  
 Business Double Major/Extended Major/Specialisation  
 Applied Science Major - Level 2  
 Applied Science Major - Level 2

**Year 4, Semester 1**

AMB360 Corporate Communication Management  
 Business Double Major/Extended Major/Specialisation  
 Business Double Major/Extended Major/Specialisation  
 Applied Science Major - Level 3  
 Applied Science Major - Level 3

**Year 4, Semester 2**

AMB361 Public Relations Campaigns  
 Business Double Major/Extended Major/Specialisation  
 Applied Science Major - Level 3  
 Applied Science Major - Level 3

**Applied Science Faculty Core Units**
**List A**

LSB118 Life Science  
 MAB101 Statistical Data Analysis 1  
 NRB100 Environmental Science  
 PCB101 Physical Science

**List B**

LSB238 Cell and Molecular Biology 1  
 MAB100 Mathematical Sciences 1A  
 MAB111 Mathematical Sciences 1B  
 MAB112 Mathematical Sciences 1C  
 NRB200 Environment Of South East Queensland  
 NRB230 Planet Earth  
 NRB270 Animal and Plant Structure and Function  
 PCB142 Chemistry 1  
 PCB242 Chemistry 2  
 PCB250 Physics 1  
 PCB260 Physics 1A

Note: Students in a Physics major must replace MAB101 with MAB131 or MAB180; and MAB112 with MAB132

**Level 1 Units**

BSB112 Introduction To Electronic Commerce  
 ITB410 Software Development 1  
 ITB843 Computing Applications  
 ITB849 Introduction To Technical Computing  
 LSB118 Life Science  
 LSB238 Cell and Molecular Biology 1  
 LSB258 Human Anatomy and Physiology  
 MAB100 Mathematical Sciences 1A  
 MAB101 Statistical Data Analysis 1  
 MAB105 Preparatory Mathematics  
 MAB111 Mathematical Sciences 1B  
 MAB112 Mathematical Sciences 1C  
 MAB131 Engineering Mathematics 1A  
 MAB132 Engineering Mathematics 1B  
 MAB180 Engineering Mathematics 1  
 MAB210 Statistical Modelling 1  
 MAB220 Computational Mathematics 1  
 NRB100 Environmental Science  
 NRB230 Planet Earth  
 NRB232 Environmental Geology  
 NRB270 Animal and Plant Structure and Function  
 PCB101 Physical Science  
 PCB107 Physics and Quantitative Techniques  
 PCB140 Introductory Chemistry  
 PCB142 Chemistry 1  
 PCB200 Chemical Technology 1  
 PCB242 Chemistry 2  
 PCB250 Physics 1  
 PCB260 Physics 1A  
 PYB012 Psychology  
 SCB222 Exploration of the Universe

## Level 2 Units

JSB937	Forensic Scientific Evidence
LSB308	Biochemistry
LSB309	Introduction to Intellectual Property Law
LSB328	Microbiology 1
LSB338	Cell and Molecular Biology 2
LSB358	Physiology 1
LSB397	Plant Physiology 1
LSB408	Metabolism
LSB428	Microbiology 2
LSB438	Immunology 1
LSB458	Physiology 2
LSB468	Molecular Biology
LSB497	Plant Molecular Biology
MAB134	Electrical Engineering Mathematics 3
MAB311	Advanced Calculus
MAB312	Linear Algebra
MAB313	Mathematics of Finance
MAB314	Statistical Modelling 2
MAB315	Operations Research 2
MAB380	Introduction to Supercomputing
MAB413	Differential Equations
MAB414	Applied Statistics 2
MAB420	Computational Mathematics 2
MAB422	Mathematical Modelling
MAB481	Visualisation and Data Analysis
NRB300	Environmental Monitoring
NRB311	Population Ecology
NRB312	Experimental Design
NRB331	Sedimentary Geology
NRB333	Mineralogy
NRB334	Mineral Deposits And Mine Geology
NRB370	Invertebrate Biology
NRB371	Plant Biology
NRB400	Environmental Systems
NRB410	Genetics and Evolution
NRB411	Ecological Methods
NRB434	Structural Geology and Field Methods
NRB435	Ore Genesis
NRB436	Introduction to Igneous and Metamorphic Petrology
NRB440	Environmental Chemistry
NRB470	Vertebrate Biology
PCB305	Principles of Physical Chemistry
PCB314	Concepts in Analytical Chemistry
PCB354	Structure and Mechanism in Organic Chemistry
PCB361	AC Theory and Electronics
PCB362	Physics 2
PCB404	Scientific Principles of Safety
PCB414	Industrial and Environmental Analytical Chemistry
PCB434	Inorganic Chemistry
PCB444	Spectroscopy
PCB460	Instrumentation and Computational Methods
PCB462	Thermodynamics and Solid State Physics
SCB100	Cooperative Education
SCB301	Science for Dean's Scholars
SCB302	Tutorial Program For Dean's Scholars
SCB401	Research Methods for Dean's Scholars
SCB402	Earth Resources Management

## Level 3 Units

LSB508	Advanced Metabolism
LSB509	Medical Biotechnology 1
LSB527	Biomedical Research Technologies
LSB528	Environmental Microbiology
LSB537	Genetic Engineering
LSB547	Bacterial Pathogenesis and Disease Diagnosis
LSB558	Advanced Physiology
LSB567	Immunology 2
LSB568	Electron Microscopy
LSB577	Plant Biotechnology 1
LSB578	Virology
LSB605	Protein Engineering and Bioprocessing
LSB607	Protein Purification
LSB608	Protein Science
LSB609	Medical Biotechnology 2
LSB619	Genomics
LSB628	Food Microbiology
LSB647	Clinical Mycology and Parasitology
LSB648	Molecular Microbiology
LSB657	Perspectives in Life Science

LSB658	Clinical Physiology
LSB677	Plant Biotechnology 2
MAB521	Applied Mathematics 3
MAB522	Computational Mathematics 3
MAB523	Introduction to Quality Management
MAB524	Statistical Inference
MAB525	Operations Research 3A
MAB526	Statistical Science 3
MAB580	Scientific Computation
MAB613	Partial Differential Equations
MAB621	Discrete Mathematics
MAB623	Financial Mathematics
MAB624	Applied Statistics 3
MAB625	Operations Research 3B
MAB640	Industry Project
MAB672	Advanced Mathematical Modelling
MAB681	Advanced Visualisation and Data Analysis
NRB500	Environmental Modelling
NRB501	Mapping and Modelling of Natural Resource Data
NRB510	Population Genetics
NRB511	Population Management
NRB533	Advanced Geological Mapping
NRB534	Geophysics
NRB535	Geology of Fossil Fuels
NRB536	Petrology and Geochemistry
NRB572	Terrestrial Ecosystems
NRB600	Issues in Environmental Science
NRB610	Ecological Applications
NRB611	Conservation Biology
NRB630	Exploration Geology
NRB633	Hydrogeology
NRB634	Igneous Petrology And Petrochemistry
NRB635	Plate Tectonics and Advanced Structural Geology
NRB636	Stratigraphy and Basin Analysis
NRB640	Physical Chemistry of the Environment
NRB660	Studies in Natural Resource Sciences
NRB672	Marine and Freshwater Ecosystems
PCB505	Advanced Physical Chemistry
PCB514	Instrumental Analysis
PCB524	Unit Operations
PCB548	Medical Physics
PCB554	Synthesis and Reactivity in Organic Chemistry
PCB561	Quantum and Condensed Matter Physics
PCB562	Physical Methods of Analysis
PCB584	Forensic Examination of Physical Evidence
PCB593	Digital Image Processing
PCB604	Project
PCB614	Advanced Analysis
PCB624	Chemistry in Industry and Technology
PCB634	Organometallic and Coordination Chemistry
PCB644	Frontiers In Chemistry
PCB648	Applied Radiation and Health Physics
PCB661	Experimental Physics
PCB665	Physics 3
PCB684	Forensic Analysis and Toxicology
SCB501	Research Project for Dean's Scholars
SCB601	Perspectives In Science

## ■ Bachelor of Applied Science/Bachelor of Education (Early Childhood) (IF83)

**Award title:** Bachelor of Applied Science (Study Area A)/Bachelor of Education

**CRICOS code:** 020324C

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 384 (192 in BAppSc and 192 in BEd)

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Megan Hargreaves (Science); Dr Gordon Tait (Education)

### Note

There will be no further intake into this course from 2003.

### Course Design

Graduates from this double degree will have a science degree with the same core support and choice of major study areas as

graduates from the Bachelor of Applied Science program. Education studies will comprise the co-major component.

In each of the first five semesters, students will take three (and in one semester, four) science units and one from education. The science units will be chosen from the core and advanced level units in the Bachelor of Applied Science program. In the first semester, the core units are designed to broaden students experiences of Science and the four units studied will generally include at least three of the following:

- Life Science, an introduction to the study of life processes, with cells and organisms as the central point of reference.
- Statistical Data Analysis, or how to extract valid results from data collected.
- Environmental Science, incorporating the chemical, physical and biological processes that influence the development of the air, the earth and the atmosphere.
- Physical Science, involving the basic concepts of physics and chemistry.

### Science Component:

The requirements of the IF83 course include the completion of 192 credit points of units offered by the Faculty of Science meeting all the requirements for the core and a major as specified for the SC01 program.

As indicated in the SC01 course rules, a major must be completed in one of the following subject areas: Biochemistry, Biotechnology, Chemistry, Ecology, Environmental Science, Geoscience, Mathematics, Microbiology, Physics. The majors that are most relevant to students intending to follow a career in Early Childhood education are Chemistry, Ecology, Geoscience, Mathematics or Physics.

Completion of a major consists of passing units totalling at least 96 credit points from the second and third schedules including a minimum of 48 credit points from the third schedule. Enrolment details are outlined in the SC01 Enrolment Book.

### Course structure

Students complete 192 credit points from units in the Bachelor of Applied Science degree (meeting all of the requirements of the core program and a major study), and 192 credit points from the Bachelor of Education (Early Childhood) program. The science units and the units EDB001, EAB442, EAB347 and EDB422 are undertaken during the first five semesters of the double degree program.

### Course structure - Major in Biochemistry

#### Year 2, Semester 1

EAB347	Early Childhood Curriculum: Early Mathematical Explorations
LSB308	Biochemistry
LSB338	Cell and Molecular Biology 2 Either
MAB101	Statistical Data Analysis 1 Or
NRB100	Environmental Science

#### Year 2, Semester 2

LSB258	Human Anatomy and Physiology
LSB408	Metabolism
LSB468	Molecular Biology
LSB608	Protein Science

#### Year 3, Semester 1

EDB422	Early Childhood Professional Practice: Preschool/kindergarten
LSB508	Advanced Metabolism
LSB527	Biomedical Research Technologies
LSB568	Electron Microscopy

#### Year 3, Semester 2

EAB345	Early Childhood Curriculum: Language Education
EAB443	Cognition And Language In Early Childhood
EDB421	Early Childhood Professional Practice: Lower Primary
SPB001	Human Development And Education

#### Year 4, Semester 1

EAB348	Early Childhood Curriculum: Arts
EAB413	Management Of Early Childhood Services
EDB420	Early Childhood Professional Practice: Child Care

SPB002 Psychology Of Learning And Teaching

#### Year 4, Semester 2

CLB306	Understanding Educational Practices
EAB346	Early Childhood Curriculum: Science, Society And The Environment
EAB444	Inclusive Practices In Early Childhood
EDB423	Early Childhood Professional Practice: Choice

### Course structure - Major in Biotechnology

#### Year 2, Semester 1

EAB347	Early Childhood Curriculum: Early Mathematical Explorations
LSB308	Biochemistry
LSB338	Cell and Molecular Biology 2 Either
MAB101	Statistical Data Analysis 1 Or
NRB100	Environmental Science

#### Year 2, Semester 2

LSB258	Human Anatomy and Physiology Either
LSB408	Metabolism Or
LSB468	Molecular Biology
LSB497	Plant Molecular Biology
LSB657	Perspectives in Life Science

#### Year 3, Semester 1

EDB422	Early Childhood Professional Practice: Preschool/kindergarten
LSB537	Genetic Engineering Two of
LSB509	Medical Biotechnology 1
LSB568	Electron Microscopy
LSB577	Plant Biotechnology 1

#### Year 3, Semester 2

EAB345	Early Childhood Curriculum: Language Education
EAB443	Cognition And Language In Early Childhood
EDB421	Early Childhood Professional Practice: Lower Primary
SPB001	Human Development And Education

#### Year 4, Semester 1

EAB348	Early Childhood Curriculum: Arts
EAB413	Management Of Early Childhood Services
EDB420	Early Childhood Professional Practice: Child Care
SPB002	Psychology Of Learning And Teaching

#### Year 4, Semester 2

CLB306	Understanding Educational Practices
EAB346	Early Childhood Curriculum: Science, Society And The Environment
EAB444	Inclusive Practices In Early Childhood
EDB423	Early Childhood Professional Practice: Choice

### Course structure - Major in Chemistry

#### Year 2, Semester 1

EAB347	Early Childhood Curriculum: Early Mathematical Explorations
NRB100	Environmental Science
PCB305	Principles of Physical Chemistry
PCB354	Structure and Mechanism in Organic Chemistry

#### Year 2, Semester 2

LSB118	Life Science
PCB414	Industrial and Environmental Analytical Chemistry
PCB444	Spectroscopy
PCB634	Organometallic and Coordination Chemistry

#### Year 3, Semester 1

EDB422	Early Childhood Professional Practice: Preschool/kindergarten
PCB505	Advanced Physical Chemistry
PCB554	Synthesis and Reactivity in Organic Chemistry One of

#### Year 3, Semester 2

PCB514	Instrumental Analysis
PCB584	Forensic Examination of Physical Evidence
PCB604	Project

#### Year 3, Semester 2

EAB345	Early Childhood Curriculum: Language Education
EAB443	Cognition And Language In Early Childhood
EDB421	Early Childhood Professional Practice: Lower Primary
SPB001	Human Development And Education

**Year 4, Semester 1**

EAB348	Early Childhood Curriculum: Arts
EAB413	Management Of Early Childhood Services
EDB420	Early Childhood Professional Practice: Child Care
SPB002	Psychology Of Learning And Teaching

**Year 4, Semester 2**

CLB306	Understanding Educational Practices
EAB346	Early Childhood Curriculum: Science, Society And The Environment
EAB444	Inclusive Practices In Early Childhood
EDB423	Early Childhood Professional Practice: Choice

**Course structure - Major in Ecology**
**Year 2, Semester 1**

EAB347	Early Childhood Curriculum: Early Mathematical Explorations
NRB311	Population Ecology
NRB312	Experimental Design
NRB370	Invertebrate Biology

**Year 2, Semester 2**

LSB238	Cell and Molecular Biology 1
NRB411	Ecological Methods
NRB470	Vertebrate Biology
NRB611	Conservation Biology

**Year 3, Semester 1**

EDB422	Early Childhood Professional Practice: Preschool/kindergarten
NRB510	Population Genetics
NRB511	Population Management
NRB572	Terrestrial Ecosystems

**Year 3, Semester 2**

EAB345	Early Childhood Curriculum: Language Education
EAB443	Cognition And Language In Early Childhood
EDB421	Early Childhood Professional Practice: Lower Primary
SPB001	Human Development And Education

**Year 4, Semester 1**

EAB348	Early Childhood Curriculum: Arts
EAB413	Management Of Early Childhood Services
EDB420	Early Childhood Professional Practice: Child Care
SPB002	Psychology Of Learning And Teaching

**Year 4, Semester 2**

CLB306	Understanding Educational Practices
EAB346	Early Childhood Curriculum: Science, Society And The Environment
EAB444	Inclusive Practices In Early Childhood
EDB423	Early Childhood Professional Practice: Choice

**Course structure - Major in Environmental Science**
**Year 2, Semester 1**

EAB347	Early Childhood Curriculum: Early Mathematical Explorations
NRB300	Environmental Monitoring
NRB311	Population Ecology One of
ITB843	Computing Applications
NRB370	Invertebrate Biology
NRB371	Plant Biology

**Year 2, Semester 2**

NRB400	Environmental Systems
NRB440	Environmental Chemistry
NRB600	Issues in Environmental Science
NRB633	Hydrogeology

**Year 3, Semester 1**

EDB422	Early Childhood Professional Practice: Preschool/kindergarten
NRB500	Environmental Modelling
NRB501	Mapping and Modelling of Natural Resource Data One elective Science unit, taken from the group in Year 2 Semester 1 (above), plus
NRB572	Terrestrial Ecosystems

**Year 3, Semester 2**

EAB345	Early Childhood Curriculum: Language Education
EAB443	Cognition And Language In Early Childhood
EDB421	Early Childhood Professional Practice: Lower Primary
SPB001	Human Development And Education

**Year 4, Semester 1**

EAB348	Early Childhood Curriculum: Arts
EAB413	Management Of Early Childhood Services

EDB420	Early Childhood Professional Practice: Child Care
SPB002	Psychology Of Learning And Teaching

**Year 4, Semester 2**

CLB306	Understanding Educational Practices
EAB346	Early Childhood Curriculum: Science, Society And The Environment
EAB444	Inclusive Practices In Early Childhood
EDB423	Early Childhood Professional Practice: Choice

**Course structure - Major in Geology**
**Year 2, Semester 1**

EAB347	Early Childhood Curriculum: Early Mathematical Explorations
NRB331	Sedimentary Geology
NRB333	Mineralogy
NRB334	Mineral Deposits And Mine Geology

**Year 2, Semester 2**

NRB434	Structural Geology and Field Methods
NRB436	Introduction to Igneous and Metamorphic Petrology
NRB633	Hydrogeology
SCB222	Exploration of the Universe

**Year 3, Semester 1**

EDB422	Early Childhood Professional Practice: Preschool/kindergarten
NRB533	Advanced Geological Mapping
NRB534	Geophysics
NRB536	Petrology and Geochemistry The major component in assessment and teaching of NRB533 is conducted as a field program during July

**Year 3, Semester 2**

EAB345	Early Childhood Curriculum: Language Education
EAB443	Cognition And Language In Early Childhood
EDB421	Early Childhood Professional Practice: Lower Primary
SPB001	Human Development And Education

**Year 4, Semester 1**

EAB348	Early Childhood Curriculum: Arts
EAB413	Management Of Early Childhood Services
EDB420	Early Childhood Professional Practice: Child Care
SPB002	Psychology Of Learning And Teaching

**Year 4, Semester 2**

CLB306	Understanding Educational Practices
EAB346	Early Childhood Curriculum: Science, Society And The Environment
EAB444	Inclusive Practices In Early Childhood
EDB423	Early Childhood Professional Practice: Choice

**Course structure - Major in Mathematics (WITH Maths C)**
**Year 2, Semester 1**

EAB347	Early Childhood Curriculum: Early Mathematical Explorations One Science elective Two Level 2 Mathematics units - available units are
MAB311	Advanced Calculus
MAB312	Linear Algebra
MAB313	Mathematics of Finance
MAB314	Statistical Modelling 2

**Year 2, Semester 2**

	Two Level 2 Mathematics units - available units are
MAB315	Operations Research 2
MAB413	Differential Equations
MAB414	Applied Statistics 2
MAB420	Computational Mathematics 2
MAB422	Mathematical Modelling

Two Level 3 Mathematics units - available units are

MAB621	Discrete Mathematics
MAB623	Financial Mathematics

Note: Students must complete at least one of MAB311, MAB312, MAB413

**Year 3, Semester 1**

EDB422	Early Childhood Professional Practice: Preschool/kindergarten One Science elective Two Level 3 Mathematics units - available units are
MAB521	Applied Mathematics 3
MAB522	Computational Mathematics 3
MAB523	Introduction to Quality Management
MAB524	Statistical Inference
MAB525	Operations Research 3A

MAB672 Advanced Mathematical Modelling  
**Year 3, Semester 2**  
 EAB345 Early Childhood Curriculum: Language Education  
 EAB443 Cognition And Language In Early Childhood  
 EDB421 Early Childhood Professional Practice: Lower Primary  
 SPB001 Human Development And Education

**Year 4, Semester 1**

EAB348 Early Childhood Curriculum: Arts  
 EAB413 Management Of Early Childhood Services  
 EDB420 Early Childhood Professional Practice: Child Care  
 SPB002 Psychology Of Learning And Teaching

**Year 4, Semester 2**

CLB306 Understanding Educational Practices  
 EAB346 Early Childhood Curriculum: Science, Society And The Environment  
 EAB444 Inclusive Practices In Early Childhood  
 EDB423 Early Childhood Professional Practice: Choice

**Course structure - Major in Mathematics (WITHOUT Maths C)**

**Year 2, Semester 1**

EAB347 Early Childhood Curriculum: Early Mathematical Explorations  
 MAB311 Advanced Calculus  
 MAB312 Linear Algebra  
 MAB313 Mathematics of Finance

**Year 2, Semester 2**

MAB220 Computational Mathematics 1  
 MAB315 Operations Research 2  
 MAB621 Discrete Mathematics  
 MAB623 Financial Mathematics

**Year 3, Semester 1**

EDB422 Early Childhood Professional Practice: Preschool/Kindergarten  
 Two Level 3 Mathematics units - available units are:  
 MAB521 Applied Mathematics 3  
 MAB523 Introduction to Quality Management  
 MAB525 Operations Research 3A  
 One Science elective unit

**Year 3, Semester 2**

EAB345 Early Childhood Curriculum: Language Education  
 EAB443 Cognition And Language In Early Childhood  
 EDB421 Early Childhood Professional Practice: Lower Primary  
 SPB001 Human Development And Education

**Year 4, Semester 1**

EAB348 Early Childhood Curriculum: Arts  
 EAB413 Management Of Early Childhood Services  
 EDB420 Early Childhood Professional Practice: Child Care  
 SPB002 Psychology Of Learning And Teaching

**Year 4, Semester 2**

CLB306 Understanding Educational Practices  
 EAB346 Early Childhood Curriculum: Science, Society And The Environment  
 EAB444 Inclusive Practices In Early Childhood  
 EDB423 Early Childhood Professional Practice: Choice

**Course structure - Major in Microbiology**

**Year 2, Semester 1**

EAB347 Early Childhood Curriculum: Early Mathematical Explorations  
 LSB308 Biochemistry  
 LSB328 Microbiology 1  
 LSB338 Cell and Molecular Biology 2  
 Either

MAB101 Statistical Data Analysis 1  
 Or  
 NRB100 Environmental Science

**Year 2, Semester 2**

LSB258 Human Anatomy and Physiology  
 LSB408 Metabolism  
 LSB428 Microbiology 2  
 LSB657 Perspectives in Life Science

**Year 3, Semester 1**

EDB422 Early Childhood Professional Practice: Preschool/Kindergarten  
 LSB528 Environmental Microbiology  
 LSB547 Bacterial Pathogenesis and Disease Diagnosis  
 LSB578 Virology

**Year 3, Semester 2**

EAB345 Early Childhood Curriculum: Language Education  
 EAB443 Cognition And Language In Early Childhood  
 EDB421 Early Childhood Professional Practice: Lower Primary  
 SPB001 Human Development And Education

**Year 4, Semester 1**

EAB348 Early Childhood Curriculum: Arts  
 EAB413 Management Of Early Childhood Services  
 EDB420 Early Childhood Professional Practice: Child Care  
 SPB002 Psychology Of Learning And Teaching

**Year 4, Semester 2**

CLB306 Understanding Educational Practices  
 EAB346 Early Childhood Curriculum: Science, Society And The Environment  
 EAB444 Inclusive Practices In Early Childhood  
 EDB423 Early Childhood Professional Practice: Choice

**Course structure - Major in Physics**

**Year 2, Semester 1**

EAB347 Early Childhood Curriculum: Early Mathematical Explorations  
 MAB134 Electrical Engineering Mathematics 3  
 PCB361 AC Theory and Electronics  
 PCB362 Physics 2

**Year 2, Semester 2**

PCB404 Scientific Principles of Safety  
 PCB460 Instrumentation and Computational Methods  
 PCB462 Thermodynamics and Solid State Physics  
 One Science elective unit

**Year 3, Semester 1**

EDB422 Early Childhood Professional Practice: Preschool/Kindergarten  
 PCB561 Quantum and Condensed Matter Physics  
 PCB562 Physical Methods of Analysis  
 PCB661 Experimental Physics

**Year 3, Semester 2**

EAB345 Early Childhood Curriculum: Language Education  
 EAB443 Cognition And Language In Early Childhood  
 EDB421 Early Childhood Professional Practice: Lower Primary  
 SPB001 Human Development And Education

**Year 4, Semester 1**

EAB348 Early Childhood Curriculum: Arts  
 EAB413 Management Of Early Childhood Services  
 EDB420 Early Childhood Professional Practice: Child Care  
 SPB002 Psychology Of Learning And Teaching

**Year 4, Semester 2**

CLB306 Understanding Educational Practices  
 EAB346 Early Childhood Curriculum: Science, Society And The Environment  
 EAB444 Inclusive Practices In Early Childhood  
 EDB423 Early Childhood Professional Practice: Choice

**■ Bachelor of Applied Science/Bachelor of Education (Primary) (IF84)**

**Award title:** Bachelor of Applied Science (Study Area A)/Bachelor of Education

**CRICOS code:** 037540M

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Megan Hargreaves (Science); Dr Gordon Tait (Education)

**Note**

Restricted intake in 2003.

The Bachelor of Applied Science/Bachelor of Education (Primary) IF84 course has been replaced by a newly coded Bachelor of Applied Science/Bachelor of Education (Primary) IX14 course with effect from 2003. There will be no new intake into this course in 2003 with the exception of students commencing their studies with significant advanced standing from previous tertiary level study.



### Course Design

Graduates from this double degree will have a science degree with the same core support and choice of major study areas as the graduates from the Bachelor of Applied Science program. Education studies will comprise the co-major component.

In each of the first five semesters, students will take three (and in one semester, four) science units and one from education. The science units will be chosen from the core and advanced level units in the Bachelor of Applied Science program. In the first semester, the core units are designed to broaden students experience of Science and the four units studied will generally include at least three of the following:

- Life Science, an introduction to the study of life processes, with cells and organisms as the central point of reference.
- Statistical Data Analysis, or how to extract valid results from data collected.
- Environmental Science, incorporating the chemical, physical and biological processes that influence the development of the air, the earth and the atmosphere.
- Physical Science, involving the basic concepts of physics and chemistry.

### Science Component:

The requirements of the IF84 course include the completion of 192 credit points of units offered by the Faculty of Science meeting all the requirements for the core and a major as specified for the SC01 program.

As indicated in the SC01 course rules, a major must be completed in one of the following subject areas: Biochemistry, Biotechnology, Chemistry, Ecology, Environmental Science, Geoscience, Mathematics, Microbiology, Physics. The majors that are most relevant to students intending to follow a career in primary education are Chemistry, Ecology, Geoscience, Mathematics or Physics.

Completion of a major consists of passing units totalling at least 96 credit points from the second and third schedules including a minimum of 48 credit points from the third schedule of the SC01 program.

### Professional Recognition

The Bachelor of Education (Primary) is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland. Applicants for registration as a teacher in Queensland are subject to national criminal history checks.

For graduates with approved study: Australasian Association of Clinical Biochemists, Australasian Institute of Mining and Metallurgy, Australian Biotechnology Association, Australian Institute of Geoscientists, Australian Institute of Physics, Australian Mathematical Society, Australian Society of Biochemistry and Molecular Biology, Australian Society for Medical Research, Australian Society for Microbiology, Australian Society of Operations Research, Ecological Society of Australia, Geological Society of Australia, Royal Australian Chemical Institute, and the Statistical Society of Australia.

### Course Structure for Commencing Students in 2002

Students complete 192 credit points from units in the Bachelor of Applied Science degree (meeting all of the requirements of the core program and a major study), and 192 credit points from the Bachelor of Education (Primary) program. The science units and the units EDB001, MDB383, CLB376 and EDB430 are undertaken during the first five semesters of the double degree program.

### Course structure - Major in Biochemistry

#### Year 1, Semester 1

EDB001 Teaching and Learning Studies 1: Teaching in New Times  
 LSB118 Life Science  
 PCB101 Physical Science  
 PCB142 Chemistry 1

#### Year 1, Semester 2

LSB238 Cell and Molecular Biology 1

MDB383 Using Technology In The Curriculum  
 NRB270 Animal and Plant Structure and Function  
 PCB242 Chemistry 2

#### Year 2, Semester 1

CLB376 Studies Of Society And Environment Curriculum  
 LSB308 Biochemistry  
 LSB338 Cell and Molecular Biology 2  
 Either

MAB101 Statistical Data Analysis 1  
 Or

NRB100 Environmental Science

#### Year 2, Semester 2

EDB430 Primary Professional Practice 1: Classroom Management  
 LSB408 Metabolism  
 LSB468 Molecular Biology  
 LSB608 Protein Science

#### Year 3, Semester 1

LSB508 Advanced Metabolism  
 LSB527 Biomedical Research Technologies  
 Either

LSB537 Genetic Engineering  
 Or

LSB568 Electron Microscopy  
 One Science Elective

#### Year 3, Semester 2

CLB454 Language And Literacy Curriculum  
 EDB431 Primary Professional Practice 2: Curriculum Decision Making  
 MDB384 Science Education  
 SPB001 Human Development And Education

#### Year 4, Semester 1

CLB413 Programming And Assessment In Language And Mathematics

EDB432 Primary Professional Practice 3: The Inclusive Curriculum  
 HMB307 Health And Physical Education Curriculum (Primary)

MDB450 Primary Mathematics Curriculum

#### Year 4, Semester 2

CLB306 Understanding Educational Practices  
 EDB433 Primary Professional Practice 4: Beginning Teaching  
 KKB914 Visual And Performing Arts Curriculum 1  
 SPB002 Psychology Of Learning And Teaching

### NOTES

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 should contact the Student Affairs office on 3864 3847. CLB334 is offered internally in semester 2.

### Course structure - Major in Biotechnology

#### Year 1, Semester 1

EDB001 Teaching and Learning Studies 1: Teaching in New Times  
 LSB118 Life Science  
 PCB101 Physical Science  
 PCB142 Chemistry 1

#### Year 1, Semester 2

LSB238 Cell and Molecular Biology 1  
 MDB383 Using Technology In The Curriculum  
 NRB270 Animal and Plant Structure and Function  
 PCB242 Chemistry 2

#### Year 2, Semester 1

CLB376 Studies Of Society And Environment Curriculum  
 LSB308 Biochemistry  
 LSB338 Cell and Molecular Biology 2  
 Either

MAB101 Statistical Data Analysis 1  
 Or

NRB100 Environmental Science

#### Year 2, Semester 2

LSB408 Metabolism  
 Either  
 LSB497 Plant Molecular Biology  
 Or

LSB468 Molecular Biology  
 LSB657 Perspectives in Life Science  
 EDB430 Primary Professional Practice 1: Classroom Management

#### Year 3, Semester 1

LSB537 Genetic Engineering  
 One Science Elective  
 Two of

LSB509 Medical Biotechnology 1  
 LSB568 Electron Microscopy

LSB577	Plant Biotechnology 1
<b>Year 3, Semester 2</b>	
CLB454	Language And Literacy Curriculum
EDB431	Primary Professional Practice 2: Curriculum Decision Making
MDB384	Science Education
SPB001	Human Development And Education

**Year 4, Semester 1**

CLB413	Programming And Assessment In Language And Mathematics
EDB432	Primary Professional Practice 3: The Inclusive Curriculum
HMB307	Health And Physical Education Curriculum (Primary)
MDB450	Primary Mathematics Curriculum

**Year 4, Semester 2**

CLB306	Understanding Educational Practices
EDB433	Primary Professional Practice 4: Beginning Teaching
KKB914	Visual And Performing Arts Curriculum 1
SPB002	Psychology Of Learning And Teaching

In 2002 EDB432 will be available in semester 2 to students who do not successfully complete the requirements of the unit in semester 1. This offering will be in external mode only.

**NOTES**

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 should contact the Student Affairs office on 3864 3847. CLB334 is offered internally in semester 2.

**Course structure - Major in Chemistry**
**Year 1, Semester 1**

EDB001	Teaching and Learning Studies 1: Teaching in New Times
MAB100	Mathematical Sciences 1A
PCB101	Physical Science
PCB142	Chemistry 1

**Year 1, Semester 2**

MDB383	Using Technology In The Curriculum
PCB242	Chemistry 2
PCB260	Physics 1A
PCB434	Inorganic Chemistry

**Year 2, Semester 1**

CLB376	Studies Of Society And Environment Curriculum
NRB100	Environmental Science
PCB305	Principles of Physical Chemistry
PCB354	Structure and Mechanism in Organic Chemistry

**Year 2, Semester 2**

EDB430	Primary Professional Practice 1: Classroom Management
PCB414	Industrial and Environmental Analytical Chemistry
PCB444	Spectroscopy
PCB634	Organometallic and Coordination Chemistry

**Year 3, Semester 1**

LSB118	Life Science
PCB505	Advanced Physical Chemistry
PCB554	Synthesis and Reactivity in Organic Chemistry
	One of
PCB514	Instrumental Analysis
PCB584	Forensic Examination of Physical Evidence
PCB604	Project

**Year 3, Semester 2**

CLB454	Language And Literacy Curriculum
EDB431	Primary Professional Practice 2: Curriculum Decision Making
MDB384	Science Education
SPB001	Human Development And Education

**Year 4, Semester 1**

CLB413	Programming And Assessment In Language And Mathematics
EDB432	Primary Professional Practice 3: The Inclusive Curriculum
HMB307	Health And Physical Education Curriculum (Primary)
MDB450	Primary Mathematics Curriculum

**Year 4, Semester 2**

CLB306	Understanding Educational Practices
EDB433	Primary Professional Practice 4: Beginning Teaching
KKB914	Visual And Performing Arts Curriculum 1
SPB002	Psychology Of Learning And Teaching

**NOTES**

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 should contact the Student Affairs office on 3864 3847. CLB334 is offered internally in semester 2.

**Course structure - Major in Ecology**
**Year 1, Semester 1**

EDB001	Teaching and Learning Studies 1: Teaching in New Times
LSB118	Life Science
NRB100	Environmental Science
PCB101	Physical Science

**Year 1, Semester 2**

MAB101	Statistical Data Analysis 1
MDB383	Using Technology In The Curriculum
NRB270	Animal and Plant Structure and Function
NRB410	Genetics and Evolution

**Year 2, Semester 1**

CLB376	Studies Of Society And Environment Curriculum
NRB311	Population Ecology
NRB312	Experimental Design
NRB370	Invertebrate Biology

**Year 2, Semester 2**

EDB430	Primary Professional Practice 1: Classroom Management
NRB411	Ecological Methods
NRB470	Vertebrate Biology
NRB611	Conservation Biology

**Year 3, Semester 1**

NRB510	Population Genetics
NRB511	Population Management
NRB572	Terrestrial Ecosystems
	One Science Elective

**Year 3, Semester 2**

CLB454	Language And Literacy Curriculum
EDB431	Primary Professional Practice 2: Curriculum Decision Making
MDB384	Science Education
SPB001	Human Development And Education

**Year 4, Semester 1**

CLB413	Programming And Assessment In Language And Mathematics
EDB432	Primary Professional Practice 3: The Inclusive Curriculum
HMB307	Health And Physical Education Curriculum (Primary)
MDB450	Primary Mathematics Curriculum

**Year 4, Semester 2**

CLB306	Understanding Educational Practices
EDB433	Primary Professional Practice 4: Beginning Teaching
KKB914	Visual And Performing Arts Curriculum 1
SPB002	Psychology Of Learning And Teaching

**NOTES**

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 should contact the Student Affairs office on 3864 3847. CLB334 is offered internally in semester 2.

**Course structure - Major in Environmental Science**
**Year 1, Semester 1**

EDB001	Teaching and Learning Studies 1: Teaching in New Times
MAB101	Statistical Data Analysis 1
NRB100	Environmental Science
PCB101	Physical Science

**Year 1, Semester 2**

LSB118	Life Science
MDB383	Using Technology In The Curriculum
NRB232	Environmental Geology
PCB142	Chemistry 1

**Year 2, Semester 1**

CLB376	Studies Of Society And Environment Curriculum
NRB300	Environmental Monitoring
NRB311	Population Ecology
	One of

NRB370 Invertebrate Biology

NRB371 Plant Biology

ITB843 Computing Applications

**Year 2, Semester 2**

EDB430	Primary Professional Practice 1: Classroom Management
NRB400	Environmental Systems
NRB440	Environmental Chemistry
NRB600	Issues in Environmental Science

**Year 3, Semester 1**

NRB500	Environmental Modelling
NRB501	Mapping and Modelling of Natural Resource Data
NRB572	Terrestrial Ecosystems
	One Science Elective

**Year 3, Semester 2**

CLB454	Language And Literacy Curriculum
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EDB431 Primary Professional Practice 2: Curriculum Decision Making  
 MDB384 Science Education  
 SPB001 Human Development And Education

**Year 4, Semester 1**

CLB413 Programming And Assessment In Language And Mathematics  
 EDB432 Primary Professional Practice 3: The Inclusive Curriculum  
 HMB307 Health And Physical Education Curriculum (Primary)  
 MDB450 Primary Mathematics Curriculum

**Year 4, Semester 2**

CLB306 Understanding Educational Practices  
 EDB433 Primary Professional Practice 4: Beginning Teaching  
 KKB914 Visual And Performing Arts Curriculum 1  
 SPB002 Psychology Of Learning And Teaching

**NOTES**

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 should contact the Student Affairs office on 3864 3847. CLB334 is offered internally in semester 2.

**Course structure - Major in Geology**

**Year 1, Semester 1**

EDB001 Teaching and Learning Studies 1: Teaching in New Times  
 MAB100 Mathematical Sciences 1A  
 NRB100 Environmental Science  
 PCB101 Physical Science

**Year 1, Semester 2**

MAB101 Statistical Data Analysis 1  
 MDB383 Using Technology In The Curriculum  
 NRB230 Planet Earth  
 PCB142 Chemistry 1

**Year 2, Semester 1**

CLB376 Studies Of Society And Environment Curriculum  
 NRB331 Sedimentary Geology  
 NRB333 Mineralogy  
 NRB334 Mineral Deposits And Mine Geology

**Year 2, Semester 2**

EDB430 Primary Professional Practice 1: Classroom Management  
 NRB434 Structural Geology and Field Methods  
 NRB436 Introduction to Igneous and Metamorphic Petrology  
 NRB633 Hydrogeology  
 SCB222 Exploration of the Universe

**Year 3, Semester 1**

NRB533 Advanced Geological Mapping  
 NRB534 Geophysics  
 NRB536 Petrology and Geochemistry  
 One Science Elective

Note: The major component in assessment and teaching of NRB533 is conducted as a field program during July.

**Year 3, Semester 2**

CLB454 Language And Literacy Curriculum  
 EDB431 Primary Professional Practice 2: Curriculum Decision Making  
 MDB384 Science Education  
 SPB001 Human Development And Education

**Year 4, Semester 1**

CLB413 Programming And Assessment In Language And Mathematics  
 EDB432 Primary Professional Practice 3: The Inclusive Curriculum  
 HMB307 Health And Physical Education Curriculum (Primary)  
 MDB450 Primary Mathematics Curriculum

**Year 4, Semester 2**

CLB306 Understanding Educational Practices  
 EDB433 Primary Professional Practice 4: Beginning Teaching  
 KKB914 Visual And Performing Arts Curriculum 1  
 SPB002 Psychology Of Learning And Teaching  
 In 2002 EDB432 will be available in semester 2 to students who do not successfully complete the requirements of the unit in semester 1. This offering will be in external mode only.

**NOTES**

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 should contact the Student Affairs office on 3864 3847. CLB334 is offered internally in semester 2.

**Course structure - Major in Mathematics (WITH Maths C)**

**Year 1, Semester 1**

EDB001 Teaching and Learning Studies 1: Teaching in New Times  
 MAB101 Statistical Data Analysis 1

MAB111 Mathematical Sciences 1B  
 MAB112 Mathematical Sciences 1C

**Year 1, Semester 2**

MAB210 Statistical Modelling 1  
 MAB220 Computational Mathematics 1  
 MDB383 Using Technology In The Curriculum  
 PCB101 Physical Science

**Year 2, Semester 1**

CLB376 Studies Of Society And Environment Curriculum  
 One Science Elective  
 Two Level 2 Mathematics units # - available units are:

MAB311 Advanced Calculus  
 MAB312 Linear Algebra  
 MAB313 Mathematics of Finance  
 MAB314 Statistical Modelling 2

**Year 2, Semester 2**

EDB430 Primary Professional Practice 1: Classroom Management  
 Two Level 2 Mathematics units- available units are:

MAB315 Operations Research 2  
 MAB413 Differential Equations  
 MAB414 Applied Statistics 2  
 MAB420 Computational Mathematics 2  
 MAB422 Mathematical Modelling

One Level 3 Mathematics units - available units are:

MAB621 Discrete Mathematics  
 MAB623 Financial Mathematics

Note: Students must complete at least one of MAB311, MAB312, MAB413

**Year 3, Semester 1**

One Science Elective  
 Three Level 3 Mathematics units - available units are:

MAB521 Applied Mathematics 3  
 MAB522 Computational Mathematics 3  
 MAB523 Introduction to Quality Management  
 MAB524 Statistical Inference  
 MAB525 Operations Research 3A  
 MAB672 Advanced Mathematical Modelling

**Year 3, Semester 2**

CLB454 Language And Literacy Curriculum  
 EDB431 Primary Professional Practice 2: Curriculum Decision Making  
 MDB384 Science Education  
 SPB001 Human Development And Education

**Year 4, Semester 1**

CLB413 Programming And Assessment In Language And Mathematics  
 EDB432 Primary Professional Practice 3: The Inclusive Curriculum  
 HMB307 Health And Physical Education Curriculum (Primary)  
 MDB450 Primary Mathematics Curriculum

**Year 4, Semester 2**

CLB306 Understanding Educational Practices  
 EDB433 Primary Professional Practice 4: Beginning Teaching  
 KKB914 Visual And Performing Arts Curriculum 1  
 SPB002 Psychology Of Learning And Teaching

**NOTES**

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 should contact the Student Affairs office on 3864 3847. CLB334 is offered internally in semester 2.

**Course structure - Major in Mathematics (WITHOUT Maths C)**

**Year 1, Semester 1**

EDB001 Teaching and Learning Studies 1: Teaching in New Times  
 MAB100 Mathematical Sciences 1A  
 MAB101 Statistical Data Analysis 1  
 PCB101 Physical Science

**Year 1, Semester 2**

MAB111 Mathematical Sciences 1B  
 MAB112 Mathematical Sciences 1C  
 MAB210 Statistical Modelling 1  
 MDB383 Using Technology In The Curriculum

**Year 2, Semester 1**

CLB376 Studies Of Society And Environment Curriculum  
 MAB220 Computational Mathematics 1  
 Three Level 2 Mathematics units - available units are:

MAB311 Advanced Calculus  
 MAB312 Linear Algebra  
 MAB313 Mathematics of Finance  
 MAB314 Statistical Modelling 2

**Year 2, Semester 2**

EDB430	Primary Professional Practice 1: Classroom Management Two Level 2 Mathematics units - available units are:
MAB315	Operations Research 2
MAB413	Differential Equations
MAB414	Applied Statistics 2
MAB420	Computational Mathematics 2
MAB422	Mathematical Modelling One Level 3 Mathematics units - available units are:
MAB621	Discrete Mathematics
MAB623	Financial Mathematics
Note:	Students must complete at least one of MAB311, MAB312, MAB413

**Year 3, Semester 1**

	One Science Elective Three Level 3 Mathematics units - available units are:
MAB521	Applied Mathematics 3
MAB522	Computational Mathematics 3
MAB523	Introduction to Quality Management
MAB524	Statistical Inference
MAB525	Operations Research 3A
MAB672	Advanced Mathematical Modelling

**Year 3, Semester 2**

CLB454	Language And Literacy Curriculum
EDB431	Primary Professional Practice 2: Curriculum Decision Making
MDB384	Science Education
SPB001	Human Development And Education

**Year 4, Semester 1**

CLB413	Programming And Assessment In Language And Mathematics
EDB432	Primary Professional Practice 3: The Inclusive Curriculum
HMB307	Health And Physical Education Curriculum (Primary)
MDB450	Primary Mathematics Curriculum
CLB306	Understanding Educational Practices
EDB433	Primary Professional Practice 4: Beginning Teaching
KKB914	Visual And Performing Arts Curriculum 1
SPB002	Psychology Of Learning And Teaching

**NOTES**

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 should contact the Student Affairs office on 3864 3847. CLB334 is offered internally in semester 2.

**Course structure - Major in Microbiology**
**Year 1, Semester 1**

LSB118	Life Science
PCB101	Physical Science
PCB142	Chemistry 1
EDB001	Teaching and Learning Studies 1: Teaching in New Times

**Year 1, Semester 2**

LSB238	Cell and Molecular Biology 1
MDB383	Using Technology In The Curriculum
NRB270	Animal and Plant Structure and Function
PCB242	Chemistry 2

**Year 2, Semester 1**

CLB376	Studies Of Society And Environment Curriculum
LSB308	Biochemistry
LSB338	Cell and Molecular Biology 2 Either

MAB101	Statistical Data Analysis 1
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Or

NRB100	Environmental Science
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**Year 2, Semester 2**

EDB430	Primary Professional Practice 1: Classroom Management
LSB408	Metabolism
LSB428	Microbiology 2
LSB657	Perspectives in Life Science

**Year 3, Semester 1**

LSB528	Environmental Microbiology
LSB547	Bacterial Pathogenesis and Disease Diagnosis
LSB578	Virology One Science Elective

**Year 3, Semester 2**

CLB454	Language And Literacy Curriculum
EDB431	Primary Professional Practice 2: Curriculum Decision Making
MDB384	Science Education
SPB001	Human Development And Education

**Year 4, Semester 1**

CLB413	Programming And Assessment In Language And Mathematics
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EDB432	Primary Professional Practice 3: The Inclusive Curriculum
HMB307	Health And Physical Education Curriculum (Primary)
MDB450	Primary Mathematics Curriculum

**Year 4, Semester 2**

CLB306	Understanding Educational Practices
EDB433	Primary Professional Practice 4: Beginning Teaching
KKB914	Visual And Performing Arts Curriculum 1
SPB002	Psychology Of Learning And Teaching

**NOTES**

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 should contact the Student Affairs office on 3864 3847. CLB334 is offered internally in semester 2.

**Course structure - Major in Physics**
**Year 1, Semester 1**

MAB101	Statistical Data Analysis 1
PCB101	Physical Science
PCB107	Physics and Quantitative Techniques Either

MAB131	Engineering Mathematics 1A Or
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MAB180	Engineering Mathematics 1
EDB001	Teaching and Learning Studies 1: Teaching in New Times

**Year 1, Semester 2**

MDB383	Using Technology In The Curriculum
MAB132	Engineering Mathematics 1B
PCB250	Physics 1
PCB260	Physics 1A

**Year 2, Semester 1**

CLB376	Studies Of Society And Environment Curriculum
MAB134	Electrical Engineering Mathematics 3
PCB361	AC Theory and Electronics
PCB362	Physics 2

**Year 2, Semester 2**

EDB430	Primary Professional Practice 1: Classroom Management
PCB404	Scientific Principles of Safety
PCB460	Instrumentation and Computational Methods
PCB462	Thermodynamics and Solid State Physics

**Year 3, Semester 1**

	One Science Elective unit
PCB561	Quantum and Condensed Matter Physics
PCB562	Physical Methods of Analysis
PCB661	Experimental Physics

**Year 3, Semester 2**

CLB454	Language And Literacy Curriculum
EDB431	Primary Professional Practice 2: Curriculum Decision Making
MDB384	Science Education
SPB001	Human Development And Education

**Year 4, Semester 1**

CLB413	Programming And Assessment In Language And Mathematics
EDB432	Primary Professional Practice 3: The Inclusive Curriculum
HMB307	Health And Physical Education Curriculum (Primary)
MDB450	Primary Mathematics Curriculum

**Year 4, Semester 2**

CLB306	Understanding Educational Practices
EDB433	Primary Professional Practice 4: Beginning Teaching
KKB914	Visual And Performing Arts Curriculum 1
SPB002	Psychology Of Learning And Teaching

Note: In 2002 EDB432 will be available in Semester 2 to students who do not successfully complete the requirements of the unit in Semester 1. This offering will be in external mode only.

**NOTES**

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 should contact the Student Affairs office on 3864 3847. CLB334 is offered internally in semester 2.

## ■ Bachelor of Applied Science/Bachelor of Education (Primary) (IX14)

**Award title:** Bachelor of Applied Science (Study Area A)/Bachelor of Education

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 4 years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Megan Hargreaves (Science); Dr Gordon Tait (Education)

### Note

IX14 replaces IF84 for commencing students in 2003, and is subject to final approval.

Applicants to the IF84 course who have six units of credit of more should contact the faculty of education.

### Career Outcomes

The Bachelor of Applied Science allows multidisciplinary programs of study that not only help students position themselves within the broad range of science disciplines but also qualifies students as competent professionals in their chosen field.

Students are equipped to undertake research after graduation if they desire. The Bachelor of Education (Primary) prepares students to teach at all levels of the primary school. Students may also complete a discipline/content studies major in one of the key learning areas of the Queensland school curriculum.

### Professional Recognition

The Bachelor of Education (Primary) is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland.

Applicants for registration as a teacher in Queensland are subject to national criminal history checks.

For graduates with approved study: Australasian Association of Clinical Biochemists, Australasian Institute of Mining and Metallurgy, Australian Biotechnology Association, Australian Institute of Geoscientists, Australian Institute of Physics, Australian Mathematical Society, Australian Society of Biochemistry and Molecular Biology, Australian Society for Medical Research, Australian Society for Microbiology, Australian Society of Operations Research, Ecological Society of Australia, Geological Society of Australia, Royal Australian Chemical Institute, and the Statistical Society of Australia.

### Course structure - Major in Biochemistry

#### Year 1, Semester 1

LSB118 Life Science  
PCB101 Physical Science  
PCB142 Chemistry 1  
SPB001 Human Development And Education

#### Year 1, Semester 2

LSB238 Cell and Molecular Biology 1  
NRB270 Animal and Plant Structure and Function  
PCB242 Chemistry 2  
EDB021 Primary Field Studies I: Development and Learning in the Field

#### Year 2, Semester 1

LSB308 Biochemistry  
LSB338 Cell and Molecular Biology 2  
Either  
NRB100 Environmental Science  
Or  
MAB101 Statistical Data Analysis 1  
CLB006 Primary Curriculum and Pedagogies: Language and Literacies 1

#### Year 2, Semester 2

LSB408 Metabolism  
LSB468 Molecular Biology  
LSB608 Protein Science  
MDB002 Primary Curriculum and Pedagogies: Mathematics 1

#### Year 3, Semester 1

LSB508 Advanced Metabolism

LSB527 Biomedical Research Technologies  
Either  
LSB537 Genetic Engineering  
Or  
LSB568 Electron Microscopy  
One Science Elective

#### Year 3, Semester 2

EDB003 Teaching and Learning Studies III: Practising Education  
EDB022 Primary Field Studies II: Practising Education in the Field  
EDB008 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies I

#### Year 4, Semester 1

EDB004 Teaching and Learning Studies IV: Inclusive Education  
EDB023 Primary Field Studies III: Immersion in Inclusive Educational Practices  
EDB009 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies II

#### Year 4, Semester 2

EDB005 Teaching and Learning Studies V: Professional Work of Teachers  
EDB024 Primary Field Studies IV: Professional Work of Teachers: Induction into the Field  
EDB025 Internship (Primary)  
SPB035 Primary Curriculum and Pedagogies: Integrated Primary and Middle Years Curriculum Project

### Course structure - Major in Biotechnology

#### Year 1, Semester 1

LSB118 Life Science  
PCB101 Physical Science  
PCB142 Chemistry 1  
EDB002 Teaching and Learning Studies II: Development and Learning

#### Year 1, Semester 2

LSB238 Cell and Molecular Biology 1  
NRB270 Animal and Plant Structure and Function  
PCB242 Chemistry 2  
EDB021 Primary Field Studies I: Development and Learning in the Field

#### Year 2, Semester 1

LSB308 Biochemistry  
LSB338 Cell and Molecular Biology 2  
Either  
MAB101 Statistical Data Analysis 1  
Or  
NRB100 Environmental Science  
CLB006 Primary Curriculum and Pedagogies: Language and Literacies 1

#### Year 2, Semester 2

LSB408 Metabolism  
Either  
LSB497 Plant Molecular Biology  
Or  
LSB468 Molecular Biology  
LSB657 Perspectives in Life Science  
MDB002 Primary Curriculum and Pedagogies: Mathematics 1

#### Year 3, Semester 1

LSB537 Genetic Engineering  
One Science Elective  
Two of  
LSB509 Medical Biotechnology 1  
LSB577 Plant Biotechnology 1  
LSB568 Electron Microscopy

#### Year 3, Semester 2

EDB003 Teaching and Learning Studies III: Practising Education  
EDB022 Primary Field Studies II: Practising Education in the Field  
EDB008 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies I

#### Year 4, Semester 1

EDB004 Teaching and Learning Studies IV: Inclusive Education  
EDB023 Primary Field Studies III: Immersion in Inclusive Educational Practices  
EDB009 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies II

#### Year 4, Semester 2

EDB004 Teaching and Learning Studies V: Professional Work of Teachers  
EDB024 Primary Field Studies IV: Professional Work of Teachers: Induction into the Field

EDB025	Internship (Primary)
SPB035	Primary Curriculum and Pedagogies: Integrated Primary and Middle Years Curriculum

**Course structure - Major in Chemistry****Year 1, Semester 1**

EDB002	Teaching and Learning Studies II: Development and Learning
MAB100	Mathematical Sciences 1A
PCB101	Physical Science
PCB142	Chemistry 1

**Year 1, Semester 2**

EDB021	Primary Field Studies I: Development and Learning in the Field
PCB242	Chemistry 2
PCB260	Physics 1A
PCB434	Inorganic Chemistry

**Year 2, Semester 1**

CLB006	Primary Curriculum and Pedagogies: Language and Literacies 1
NRB100	Environmental Science
PCB305	Principles of Physical Chemistry
PCB354	Structure and Mechanism in Organic Chemistry

**Year 2, Semester 2**

MDB002	Primary Curriculum and Pedagogies: Mathematics 1
PCB414	Industrial and Environmental Analytical Chemistry
PCB444	Spectroscopy
PCB634	Organometallic and Coordination Chemistry

**Year 3, Semester 1**

LSB118	Life Science
PCB505	Advanced Physical Chemistry
PCB554	Synthesis and Reactivity in Organic Chemistry One of
PCB514	Instrumental Analysis
PCB584	Forensic Examination of Physical Evidence
PCB604	Project

**Year 3, Semester 2**

EDB003	Teaching and Learning Studies III: Practising Education
EDB022	Primary Field Studies II: Practising Education in the Field
EDB008	Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies I

**Year 4, Semester 1**

EDB004	Teaching and Learning Studies IV: Inclusive Education
EDB023	Primary Field Studies II: Immersion in Inclusive Educational Practices
EDB009	Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies II

**Year 4, Semester 2**

EDB005	Teaching and Learning Studies V: Professional Work of Teachers
EDB024	Primary Field Studies IV: Professional Work of Teachers: Induction into the Field
EDB025	Internship (Primary)
SPB035	Primary Curriculum and Pedagogies: Integrated Primary and Middle Years Curriculum Project

**Course structure - Major in Ecology****Year 1, Semester 1**

LSB118	Life Science
NRB100	Environmental Science
PCB101	Physical Science
EDB002	Teaching and Learning Studies II: Development and Learning

**Year 1, Semester 2**

MAB101	Statistical Data Analysis 1
NRB270	Animal and Plant Structure and Function
NRB410	Genetics and Evolution
EDB021	Primary Field Studies I: Development and Learning in the Field

**Year 2, Semester 1**

NRB311	Population Ecology
NRB312	Experimental Design
NRB370	Invertebrate Biology
CLB006	Primary Curriculum and Pedagogies: Language and Literacies 1

**Year 2, Semester 2**

NRB411	Ecological Methods
NRB470	Vertebrate Biology
NRB611	Conservation Biology
MDB002	Primary Curriculum and Pedagogies: Mathematics 1

**Year 3, Semester 1**

NRB510	Population Genetics
NRB511	Population Management
NRB572	Terrestrial Ecosystems One Science Elective

**Year 3, Semester 2**

EDB003	Teaching and Learning Studies III: Practising Education
EDB022	Primary Field Studies II: Practising Education in the Field
EDB008	Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies I

**Year 4, Semester 1**

EDB004	Teaching and Learning Studies IV: Inclusive Education
EDB023	Primary Field Studies III: Immersion in Inclusive Educational Practices
EDB009	Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies II

**Year 4, Semester 2**

EDB005	Teaching and Learning Studies V: Professional Work of Teachers
EDB024	Primary Field Studies IV: Professional Work of Teachers: Induction into the Field
EDB025	Internship (Primary)
SPB035	Primary Curriculum and Pedagogies: Integrated Primary and Middle Years Curriculum Project

**Course structure - Major in Environmental Science****Year 1, Semester 1**

MAB101	Statistical Data Analysis 1
NRB100	Environmental Science
PCB101	Physical Science
EDB002	Teaching and Learning Studies II: Development and Learning

**Year 1, Semester 2**

LSB118	Life Science
NRB232	Environmental Geology
PCB142	Chemistry 1
EDB021	Primary Field Studies I: Development and Learning in the Field

**Year 2, Semester 1**

NRB300	Environmental Monitoring
NRB311	Population Ecology One of
NRB370	Invertebrate Biology
NRB371	Plant Biology
ITB843	Computing Applications
CLB006	Primary Curriculum and Pedagogies: Language and Literacies 1

**Year 2, Semester 2**

NRB400	Environmental Systems
NRB440	Environmental Chemistry
NRB600	Issues in Environmental Science
MDB002	Primary Curriculum and Pedagogies: Mathematics 1

**Year 3, Semester 1**

NRB500	Environmental Modelling
NRB501	Mapping and Modelling of Natural Resource Data
NRB572	Terrestrial Ecosystems One Science Elective

**Year 3, Semester 2**

EDB003	Teaching and Learning Studies III: Practising Education
EDB022	Primary Field Studies II: Practising Education in the Field
EDB008	Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies I

**Year 4, Semester 1**

EDB004	Teaching and Learning Studies IV: Inclusive Education
EDB023	Primary Field Studies III: Immersion in Inclusive Educational Practices
EDB009	Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies II

**Year 4, Semester 2**

EDB005	Teaching and Learning Studies V: Professional Work of Teachers
EDB024	Primary Field Studies IV: Professional Work of Teachers: Induction into the Field
EDB025	Internship (Primary)
SPB035	Primary Curriculum and Pedagogies: Integrated Primary and Middle Years Curriculum Project

**Course structure - Major in Geology****Year 1, Semester 1**

MAB100	Mathematical Sciences 1A
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NRB100 Environmental Science  
 PCB101 Physical Science  
 EDB002 Teaching and Learning Studies II: Development and Learning

**Year 1, Semester 2**

MAB101 Statistical Data Analysis 1  
 NRB230 Planet Earth  
 PCB142 Chemistry 1  
 EDB021 Primary Field Studies I: Development and Learning in the Field

**Year 2, Semester 1**

NRB331 Sedimentary Geology  
 NRB333 Mineralogy  
 NRB334 Mineral Deposits And Mine Geology  
 CLB006 Primary Curriculum and Pedagogies: Language and Literacies 1

**Year 2, Semester 2**

NRB434 Structural Geology and Field Methods  
 NRB436 Introduction to Igneous and Metamorphic Petrology  
 NRB633 Hydrogeology  
 SCB222 Exploration of the Universe  
 MDB002 Primary Curriculum and Pedagogies: Mathematics 1

**Year 3, Semester 1**

NRB533 Advanced Geological Mapping  
 NRB534 Geophysics  
 NRB536 Petrology and Geochemistry  
 One Science Elective

Note: The major component in assessment and teaching of NRB533 is conducted as a field program during July.

**Year 3, Semester 2**

EDB003 Teaching and Learning Studies III: Practising Education  
 EDB022 Primary Field Studies II: Practising Education in the Field  
 EDB008 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies I

**Year 4, Semester 1**

EDB004 Teaching and Learning Studies IV: Inclusive Education  
 EDB023 Primary Field Studies III: Immersion in Inclusive Educational Practices  
 EDB009 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies II

**Year 4, Semester 2**

EDB005 Teaching and Learning Studies V: Professional Work of Teachers  
 EDB024 Primary Field Studies IV: Professional Work of Teachers: Induction into the Field  
 EDB025 Internship (Primary)  
 SPB035 Primary Curriculum and Pedagogies: Integrated Primary and Middle Years Curriculum Project

**Course structure - Major in Mathematics (WITH Maths C)**

**Year 1, Semester 1**

MAB101 Statistical Data Analysis 1  
 MAB111 Mathematical Sciences 1B  
 MAB112 Mathematical Sciences 1C  
 EDB002 Teaching and Learning Studies II: Development and Learning

**Year 1, Semester 2**

MAB210 Statistical Modelling 1  
 MAB220 Computational Mathematics 1  
 PCB101 Physical Science  
 EDB021 Primary Field Studies I: Development and Learning in the Field

**Year 2, Semester 1**

One Science Elective  
 Two Level 2 Mathematics units - available units are:  
 MAB311 Advanced Calculus  
 MAB312 Linear Algebra  
 MAB313 Mathematics of Finance  
 MAB314 Statistical Modelling 2  
 CLB006 Primary Curriculum and Pedagogies: Language and Literacies 1

**Year 2, Semester 2**

MDB002 Primary Curriculum and Pedagogies: Mathematics 1  
 Two Level 2 Mathematics units - available units are:  
 MAB315 Operations Research 2  
 MAB413 Differential Equations  
 MAB414 Applied Statistics 2  
 MAB420 Computational Mathematics 2  
 MAB422 Mathematical Modelling  
 One Level 3 Mathematics units - available units are:

MAB621 Discrete Mathematics  
 MAB623 Financial Mathematics  
 Note: Students must complete at least one of MAB311, MAB312, MAB413

**Year 3, Semester 1**

One Science Elective  
 Three Level 3 Mathematics units - available units are:

MAB521 Applied Mathematics 3  
 MAB522 Computational Mathematics 3  
 MAB523 Introduction to Quality Management  
 MAB524 Statistical Inference  
 MAB525 Operations Research 3A  
 MAB672 Advanced Mathematical Modelling

**Year 3, Semester 2**

EDB003 Teaching and Learning Studies III: Practising Education  
 EDB022 Primary Field Studies II: Practising Education in the Field  
 EDB008 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies I

**Year 4, Semester 1**

EDB004 Teaching and Learning Studies IV: Inclusive Education  
 EDB023 Primary Field Studies III: Immersion in Inclusive Educational Practices  
 EDB009 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies II

**Year 4, Semester 2**

EDB005 Teaching and Learning Studies V: Professional Work of Teachers  
 EDB024 Primary Field Studies IV: Professional Work of Teachers: Induction into the Field  
 EDB025 Internship (Primary)  
 SPB035 Primary Curriculum and Pedagogies: Integrated Primary and Middle Years Curriculum Project

**Course structure - Major in Mathematics (WITHOUT Maths C)**

**Year 1, Semester 1**

MAB100 Mathematical Sciences 1A  
 MAB101 Statistical Data Analysis 1  
 PCB101 Physical Science  
 EDB002 Teaching and Learning Studies II: Development and Learning

**Year 1, Semester 2**

MAB111 Mathematical Sciences 1B  
 MAB112 Mathematical Sciences 1C  
 MAB210 Statistical Modelling 1  
 EDB021 Primary Field Studies I: Development and Learning in the Field

**Year 2, Semester 1**

CLB006 Primary Curriculum and Pedagogies: Language and Literacies 1  
 MAB220 Computational Mathematics 1  
 Three Level 2 Mathematics units - available units are:

MAB311 Advanced Calculus  
 MAB312 Linear Algebra  
 MAB313 Mathematics of Finance  
 MAB314 Statistical Modelling 2

**Year 2, Semester 2**

MDB002 Primary Curriculum and Pedagogies: Mathematics 1  
 Two Level 2 Mathematics units - available units are:  
 MAB315 Operations Research 2  
 MAB413 Differential Equations  
 MAB414 Applied Statistics 2  
 MAB420 Computational Mathematics 2  
 MAB422 Mathematical Modelling  
 One Level 3 Mathematics units - available units are:

MAB621 Discrete Mathematics  
 MAB623 Financial Mathematics  
 Note: Students must complete at least one of MAB311, MAB312, MAB413

**Year 3, Semester 1**

One Science Elective  
 Three Level 3 Mathematics units - available units are:

MAB521 Applied Mathematics 3  
 MAB522 Computational Mathematics 3  
 MAB523 Introduction to Quality Management  
 MAB524 Statistical Inference  
 MAB525 Operations Research 3A  
 MAB672 Advanced Mathematical Modelling

**Year 3, Semester 2**

EDB003 Teaching and Learning Studies III: Practising Education

EDB022 Primary Field Studies II: Practising Education in the Field  
 EDB008 Primary Curriculum and Pedagogies: Interdisciplinary  
 Primary Curriculum Studies I

**Year 4, Semester 1**

EDB004 Teaching and Learning Studies IV: Inclusive Education  
 EDB023 Primary Field Studies III: Immersion in Inclusive Educational  
 Practices  
 EDB009 Primary Curriculum and Pedagogies: Interdisciplinary  
 Primary Curriculum Studies II

**Year 4, Semester 2**

EDB005 Teaching and Learning Studies V: Professional Work of  
 Teachers  
 EDB024 Primary Field Studies IV: Professional Work of Teachers:  
 Induction into the Field  
 EDB025 Internship (Primary)  
 SPB035 Primary Curriculum and Pedagogies: Integrated Primary and  
 Middle Years Curriculum Project

**Course structure - Major in Microbiology**

**Year 1, Semester 1**

LSB118 Life Science  
 PCB101 Physical Science  
 PCB142 Chemistry 1  
 EDB002 Teaching and Learning Studies II: Development and Learning

**Year 1, Semester 2**

LSB238 Cell and Molecular Biology 1  
 NRB270 Animal and Plant Structure and Function  
 PCB242 Chemistry 2  
 EDB021 Primary Field Studies I: Development and Learning in the  
 Field

**Year 2, Semester 1**

LSB308 Biochemistry  
 LSB338 Cell and Molecular Biology 2  
 Either  
 MAB101 Statistical Data Analysis 1  
 Or  
 NRB100 Environmental Science  
 CLB006 Primary Curriculum and Pedagogies: Language and Literacies  
 1

**Year 2, Semester 2**

LSB408 Metabolism  
 LSB428 Microbiology 2  
 LSB657 Perspectives in Life Science  
 MDB002 Primary Curriculum and Pedagogies: Mathematics 1

**Year 3, Semester 1**

LSB528 Environmental Microbiology  
 LSB547 Bacterial Pathogenesis and Disease Diagnosis  
 LSB578 Virology  
 One Science Elective

**Year 3, Semester 2**

EDB003 Teaching and Learning Studies III: Practising Education  
 EDB022 Primary Field Studies II: Practising Education in the Field  
 EDB008 Primary Curriculum and Pedagogies: Interdisciplinary  
 Primary Curriculum Studies I

**Year 4, Semester 1**

EDB004 Teaching and Learning Studies IV: Inclusive Education  
 EDB023 Primary Field Studies III: Immersion in Inclusive Educational  
 Practices  
 EDB009 Primary Curriculum and Pedagogies: Interdisciplinary  
 Primary Curriculum Studies II  
 EDB005 Teaching and Learning Studies V: Professional Work of  
 Teachers  
 EDB024 Primary Field Studies IV: Professional Work of Teachers:  
 Induction into the Field  
 EDB025 Internship (Primary)  
 SPB035 Primary Curriculum and Pedagogies: Integrated Primary and  
 Middle Years Curriculum Project

**Course structure - Major in Physics**

**Year 1, Semester 1**

EDB002 Teaching and Learning Studies II: Development and Learning  
 PCB101 Physical Science  
 PCB107 Physics and Quantitative Techniques  
 Either  
 LSB118 Life Science  
 Or  
 NRB100 Environmental Science  
 Either  
 MAB180 Engineering Mathematics 1

Or

MAB131 Engineering Mathematics 1A

**Year 1, Semester 2**

MAB132 Engineering Mathematics 1B  
 PCB250 Physics 1  
 PCB260 Physics 1A  
 EDB021 Primary Field Studies I: Development and Learning in the  
 Field

**Year 2, Semester 1**

MAB134 Electrical Engineering Mathematics 3  
 PCB361 AC Theory and Electronics  
 PCB362 Physics 2  
 CLB006 Primary Curriculum and Pedagogies: Language and Literacies  
 1

**Year 2, Semester 2**

PCB404 Scientific Principles of Safety  
 PCB460 Instrumentation and Computational Methods  
 PCB462 Thermodynamics and Solid State Physics  
 MDB002 Primary Curriculum and Pedagogies: Mathematics 1

**Year 3, Semester 1**

One Science Elective unit  
 PCB561 Quantum and Condensed Matter Physics  
 PCB562 Physical Methods of Analysis  
 PCB661 Experimental Physics

**Year 3, Semester 2**

EDB003 Teaching and Learning Studies III: Practising Education  
 EDB022 Primary Field Studies II: Practising Education in the Field  
 EDB008 Primary Curriculum and Pedagogies: Interdisciplinary  
 Primary Curriculum Studies I

**Year 4, Semester 1**

EDB004 Teaching and Learning Studies IV: Inclusive Education  
 EDB023 Primary Field Studies III: Immersion in Inclusive Educational  
 Practices  
 EDB009 Primary Curriculum and Pedagogies: Interdisciplinary  
 Primary Curriculum Studies II

**Year 4, Semester 2**

EDB005 Teaching and Learning Studies V: Professional Work of  
 Teachers  
 EDB024 Primary Field Studies IV: Professional Work of Teachers:  
 Induction into the Field  
 EDB025 Internship (Primary)  
 SPB035 Primary Curriculum and Pedagogies: Integrated Primary and  
 Middle Years Curriculum Project

**■ Bachelor of Applied Science/Bachelor of Education (Secondary) (IF71)**

**Award title:** Bachelor of Applied Science (Study Area  
 A)/Bachelor of Education

**CRICOS code:** 020322E

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 48 (semesters  
 1, 6-8), 60 (semesters 2-5)

**Course coordinator:** Dr Megan Hargreaves (Science); Dr  
 Gordon Tait (Education)

**Professional Recognition**

The Bachelor of Education (Secondary) is recognised by the  
 Queensland Board of Teacher Registration as meeting the  
 requirements for registration as a teacher in Queensland.  
 Applicants for registration as a teacher in Queensland are subject  
 to national criminal history checks.

For graduates with approved study: Australasian Association of  
 Clinical Biochemists, Australasian Institute of Mining and  
 Metallurgy, Australian Biotechnology Association, Australian  
 Institute of Geoscientists, Australian Institute of Physics,  
 Australian Mathematical Society, Australian Society of  
 Biochemistry and Molecular Biology, Australian Society for  
 Medical Research, Australian Society for Microbiology,  
 Australian Society for Operations Research, Ecological Society  
 of Australia, Geological Society of Australia, Royal Australian  
 Chemical Institute, and the Statistical Society of Australia.



**Science Component**

The requirements of the IF71 course include the completion of 240 credit points of units offered by the Faculty of Science, meeting all of the requirements for the core and a major as specified for the SC01 program (details in the SC01 Enrolment Information and Guide) plus approved range of units suitable for Science Studies (or Mathematics Studies). As indicated in the SC01 course rules, a major must be completed in one of the following subject areas: Biochemistry, Biotechnology; Chemistry; Ecology; Environmental Science; Geoscience; Mathematics; Microbiology; Physics. Completion of a major consists of passing units totalling at least 96 credit points from the second and third levels including a minimum of 48 credit points from the third level. In view of the sciences offered in Secondary Schools, the majors that are most relevant to students intending to follow career in Secondary School teaching are Chemistry, Ecology, Geoscience, Mathematics or Physics.

**Course structure - Major in Biochemistry****Year 1, Semester 1**

LSB118	Life Science
MAB101	Statistical Data Analysis 1
PCB101	Physical Science
PCB142	Chemistry 1

**Year 1, Semester 2**

EDB001	Teaching and Learning Studies 1: Teaching in New Times
LSB238	Cell and Molecular Biology 1
NRB270	Animal and Plant Structure and Function
PCB242	Chemistry 2
SCB222	Exploration of the Universe

**Year 2, Semester 1**

LSB308	Biochemistry
LSB328	Microbiology 1
LSB338	Cell and Molecular Biology 2
NRB100	Environmental Science
SPB001	Human Development And Education

**Year 2, Semester 2**

SPB002	Psychology Of Learning And Teaching
MDB454	Science, Technology and Society
LSB408	Metabolism
	Either
LSB497	Plant Molecular Biology
	Or
LSB468	Molecular Biology
LSB608	Protein Science

**Year 3, Semester 1**

CLB341	Language, Technology And Education
LSB508	Advanced Metabolism
LSB527	Biomedical Research Technologies
	Either
LSB568	Electron Microscopy
	Or
LSB537	Genetic Engineering
PCB150	Physics 1H

**Year 3, Semester 2**

EDB450	Secondary Professional Practice 1: Classroom Management
EDB451	Secondary Professional Practice 2: Curriculum Decision Making
	Curriculum Studies 1 (First Teaching Area)
	Curriculum Studies 1 (Second Teaching Area)

**Year 4, Semester 1**

CLB306	Understanding Educational Practices
EDB452	Secondary Professional Practice 3: The Inclusive Curriculum
	Curriculum Studies 2 (First Teaching Area)
	Curriculum Studies 2 (Second Teaching Area)

**Year 4, Semester 2**

EDB453	Secondary Professional Practice 4: The Beginning Teacher
	Education Studies Elective (See List 3)
	Education Studies Elective (See List 3)
	Curriculum Studies Elective (See List 4)

**Alternative Year 4, Semester 2: Middle Years Pathway**

EDB443	Professional Internship Of Associate Teaching
SPB008	The Middle Years Of Schooling
SPB022	The Middle Years Curriculum
EDB453	Secondary Professional Practice 4: The Beginning Teacher

**Course structure - Major in Biotechnology****Year 1, Semester 1**

LSB118	Life Science
MAB101	Statistical Data Analysis 1
PCB101	Physical Science
PCB142	Chemistry 1

**Year 1, Semester 2**

EDB001	Teaching and Learning Studies 1: Teaching in New Times
LSB238	Cell and Molecular Biology 1
NRB270	Animal and Plant Structure and Function
PCB242	Chemistry 2
SCB222	Exploration of the Universe

**Year 2, Semester 1**

LSB308	Biochemistry
LSB328	Microbiology 1
LSB338	Cell and Molecular Biology 2
NRB100	Environmental Science
SPB001	Human Development And Education

**Year 2, Semester 2**

LSB408	Metabolism
LSB468	Molecular Biology
NRB230	Planet Earth
SPB002	Psychology Of Learning And Teaching
MDB454	Science, Technology and Society

**Year 3, Semester 1**

CLB341	Language, Technology And Education
LSB537	Genetic Engineering
LSB527	Biomedical Research Technologies
LSB568	Electron Microscopy
	Either
LSB509	Medical Biotechnology 1
	Or
LSB577	Plant Biotechnology 1

**Year 3, Semester 2**

EDB450	Secondary Professional Practice 1: Classroom Management
EDB451	Secondary Professional Practice 2: Curriculum Decision Making
	Curriculum Studies 1 (First Teaching Area)
	Curriculum Studies 1 (Second Teaching Area)

**Year 4, Semester 1**

CLB306	Understanding Educational Practices
EDB452	Secondary Professional Practice 3: The Inclusive Curriculum
	Curriculum Studies 2 (First Teaching Area)
	Curriculum Studies 2 (Second Teaching Area)

**Year 4, Semester 2**

EDB453	Secondary Professional Practice 4: The Beginning Teacher
	Education Studies Elective (See List 3)
	Education Studies Elective (See List 3)
	Curriculum Studies Elective (See List 4)

**Alternative Year 4, Semester 2: Middle Years Pathway**

EDB443	Professional Internship Of Associate Teaching
SPB008	The Middle Years Of Schooling
SPB022	The Middle Years Curriculum
EDB453	Secondary Professional Practice 4: The Beginning Teacher

**Course structure - Major in Chemistry****Year 1, Semester 1**

MAB100	Mathematical Sciences 1A
MAB101	Statistical Data Analysis 1
PCB101	Physical Science
PCB142	Chemistry 1

**Year 1, Semester 2**

EDB001	Teaching and Learning Studies 1: Teaching in New Times
PCB242	Chemistry 2
PCB260	Physics 1A
PCB434	Inorganic Chemistry
SCB222	Exploration of the Universe

**Year 2, Semester 1**

NRB100	Environmental Science
PCB305	Principles of Physical Chemistry
PCB354	Structure and Mechanism in Organic Chemistry
PCB414	Industrial and Environmental Analytical Chemistry
SPB001	Human Development And Education

**Year 2, Semester 2**

NRB230	Planet Earth
PCB444	Spectroscopy
PCB634	Organometallic and Coordination Chemistry
MDB454	Science, Technology and Society
SPB002	Psychology Of Learning And Teaching

**Year 3, Semester 1**

CLB341	Language, Technology And Education
PCB505	Advanced Physical Chemistry
PCB554	Synthesis and Reactivity in Organic Chemistry
LSB118	Life Science
	One of
PCB514	Instrumental Analysis
PCB584	Forensic Examination of Physical Evidence
PCB604	Project

**Year 3, Semester 2**

EDB450	Secondary Professional Practice 1: Classroom Management
EDB451	Secondary Professional Practice 2: Curriculum Decision Making
	Curriculum Studies 1 (First Teaching Area)
	Curriculum Studies 1 (Second Teaching Area)

**Year 4, Semester 1**

CLB306	Understanding Educational Practices
EDB452	Secondary Professional Practice 3: The Inclusive Curriculum
	Curriculum Studies 2 (First Teaching Area)
	Curriculum Studies 2 (Second Teaching Area)

**Year 4, Semester 2**

EDB453	Secondary Professional Practice 4: The Beginning Teacher
	Education Studies Elective (See List 3)
	Education Studies Elective (See List 3)
	Curriculum Studies Elective (See List 4)

**Alternative Year 4, Semester 2: Middle Years Pathway**

EDB443	Professional Internship Of Associate Teaching
SPB008	The Middle Years Of Schooling
SPB022	The Middle Years Curriculum
EDB453	Secondary Professional Practice 4: The Beginning Teacher

**Course structure - Major in Ecology**
**Year 1, Semester 1**

LSB118	Life Science
MAB101	Statistical Data Analysis 1
NRB100	Environmental Science
PCB101	Physical Science

**Year 1, Semester 2**

EDB001	Teaching and Learning Studies 1: Teaching in New Times
NRB232	Environmental Geology
NRB270	Animal and Plant Structure and Function
NRB410	Genetics and Evolution
SCB222	Exploration of the Universe

**Year 2, Semester 1**

NRB311	Population Ecology
NRB312	Experimental Design
NRB370	Invertebrate Biology
SPB001	Human Development And Education

**Year 2, Semester 2**

NRB411	Ecological Methods
NRB470	Vertebrate Biology
NRB611	Conservation Biology
MDB454	Science, Technology and Society
SPB002	Psychology Of Learning And Teaching

**Year 3, Semester 1**

CLB341	Language, Technology And Education
NRB510	Population Genetics
NRB511	Population Management
NRB572	Terrestrial Ecosystems
	Science elective

**Year 3, Semester 2**

EDB450	Secondary Professional Practice 1: Classroom Management
EDB451	Secondary Professional Practice 2: Curriculum Decision Making
	Curriculum Studies 1 (First Teaching Area)
	Curriculum Studies 1 (Second Teaching Area)

**Year 4, Semester 1**

CLB306	Understanding Educational Practices
EDB452	Secondary Professional Practice 3: The Inclusive Curriculum
	Curriculum Studies 2 (First Teaching Area)
	Curriculum Studies 2 (Second Teaching Area)

**Year 4, Semester 2**

EDB453	Secondary Professional Practice 4: The Beginning Teacher
	Education Studies Elective (See List 3)
	Education Studies Elective (See List 3)
	Curriculum Studies Elective (See List 4)

**Alternative Year 4, Semester 2: Middle Years Pathway**

EDB443	Professional Internship Of Associate Teaching
SPB008	The Middle Years Of Schooling

SPB022	The Middle Years Curriculum
EDB453	Secondary Professional Practice 4: The Beginning Teacher

**Course structure - Major in Environmental Science**
**Year 1, Semester 1**

LSB118	Life Science
MAB101	Statistical Data Analysis 1
NRB100	Environmental Science
PCB101	Physical Science

**Year 1, Semester 2**

EDB001	Teaching and Learning Studies 1: Teaching in New Times
NRB232	Environmental Geology
PCB142	Chemistry 1
MDB454	Science, Technology and Society
SCB222	Exploration of the Universe

**Year 2, Semester 1**

SPB001	Human Development And Education
NRB300	Environmental Monitoring
NRB311	Population Ecology
	Two elective Science units - recommended units are:
MAB100	Mathematical Sciences 1A
NRB370	Invertebrate Biology
NRB371	Plant Biology
ITB843	Computing Applications

**Year 2, Semester 2**

SPB002	Psychology Of Learning And Teaching
NRB400	Environmental Systems
NRB440	Environmental Chemistry
NRB600	Issues in Environmental Science
NRB633	Hydrogeology

**Year 3, Semester 1**

CLB341	Language, Technology And Education
NRB500	Environmental Modelling
NRB501	Mapping and Modelling of Natural Resource Data
	One Science elective unit, taken from the group in year 2 semester 1 (above), plus
NRB572	Terrestrial Ecosystems

**Year 3, Semester 2**

EDB450	Secondary Professional Practice 1: Classroom Management
EDB451	Secondary Professional Practice 2: Curriculum Decision Making
	Curriculum Studies 1 (First Teaching Area)
	Curriculum Studies 1 (Second Teaching Area)

**Year 4, Semester 1**

CLB306	Understanding Educational Practices
EDB452	Secondary Professional Practice 3: The Inclusive Curriculum
	Curriculum Studies 2 (First Teaching Area)
	Curriculum Studies 2 (Second Teaching Area)

**Year 4, Semester 2**

EDB453	Secondary Professional Practice 4: The Beginning Teacher
	Education Studies Elective (See List 3)
	Education Studies Elective (See List 3)
	Curriculum Studies Elective (See List 4)

**Alternative Year 4, Semester 2: Middle Years Pathway**

EDB443	Professional Internship Of Associate Teaching
SPB008	The Middle Years Of Schooling
SPB022	The Middle Years Curriculum
EDB453	Secondary Professional Practice 4: The Beginning Teacher

**Course structure - Major in Geology**
**Year 1, Semester 1**

MAB100	Mathematical Sciences 1A
MAB101	Statistical Data Analysis 1
NRB100	Environmental Science
PCB101	Physical Science

**Year 1, Semester 2**

EDB001	Teaching and Learning Studies 1: Teaching in New Times
NRB230	Planet Earth
PCB142	Chemistry 1
MDB454	Science, Technology and Society
SCB222	Exploration of the Universe

**Year 2, Semester 1**

NRB300	Environmental Monitoring
NRB331	Sedimentary Geology
NRB333	Mineralogy
NRB334	Mineral Deposits And Mine Geology
SPB001	Human Development And Education

**Year 2, Semester 2**

SPB002	Psychology Of Learning And Teaching
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NRB434	Structural Geology and Field Methods
NRB436	Introduction to Igneous and Metamorphic Petrology
NRB633	Hydrogeology One unit from
NRB440	Environmental Chemistry
NRB435	Ore Genesis

**Year 3, Semester 1**

CLB341	Language, Technology And Education
LSB118	Life Science
NRB533	Advanced Geological Mapping
NRB534	Geophysics
NRB536	Petrology and Geochemistry

Note: The major component in assessment and teaching of NRB533 is conducted as a field program during July.

**Year 3, Semester 2**

EDB450	Secondary Professional Practice 1: Classroom Management
EDB451	Secondary Professional Practice 2: Curriculum Decision Making Curriculum Studies 1 (First Teaching Area) Curriculum Studies 1 (Second Teaching Area)

**Year 4, Semester 1**

CLB306	Understanding Educational Practices
EDB452	Secondary Professional Practice 3: The Inclusive Curriculum Curriculum Studies 2 (First Teaching Area) Curriculum Studies 2 (Second Teaching Area)

**Year 4, Semester 2**

EDB453	Secondary Professional Practice 4: The Beginning Teacher Education Studies Elective (See List 3) Education Studies Elective (See List 3) Curriculum Studies Elective (See List 4)
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**Alternative Year 4, Semester 2: Middle Years Pathway**

EDB443	Professional Internship Of Associate Teaching
SPB008	The Middle Years Of Schooling
SPB022	The Middle Years Curriculum
EDB453	Secondary Professional Practice 4: The Beginning Teacher

**Course structure - Major in Mathematics (WITH Maths C)**
**Year 1, Semester 1**

MAB101	Statistical Data Analysis 1
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C
PCB101	Physical Science

**Year 1, Semester 2**

EDB001	Teaching and Learning Studies 1: Teaching in New Times
MAB210	Statistical Modelling 1
MAB220	Computational Mathematics 1
MDB454	Science, Technology and Society
SCB222	Exploration of the Universe

**Year 2, Semester 1**

SPB001	Human Development And Education
PCB142	Chemistry 1 Three Level 2 Mathematics unit - available units are:

MAB311	Advanced Calculus
MAB312	Linear Algebra
MAB313	Mathematics of Finance
MAB314	Statistical Modelling 2
MAB315	Operations Research 2

**Year 2, Semester 2**

SPB002	Psychology Of Learning And Teaching Two Level 2 Mathematics units - available units are:
MAB413	Differential Equations
MAB414	Applied Statistics 2
MAB420	Computational Mathematics 2
MAB422	Mathematical Modelling Two Level 3 Mathematics units - available units are:
MAB621	Discrete Mathematics
MAB623	Financial Mathematics
Note:	Students must complete at least one of MAB311, MAB312, MAB413

**Year 3, Semester 1**

CLB341	Language, Technology And Education
LSB118	Life Science
PCB107	Physics and Quantitative Techniques Two Level 3 Mathematics units - available units are:
MAB521	Applied Mathematics 3
MAB522	Computational Mathematics 3
MAB523	Introduction to Quality Management
MAB524	Statistical Inference

MAB525	Operations Research 3A
MAB672	Advanced Mathematical Modelling

**Year 3, Semester 2**

EDB450	Secondary Professional Practice 1: Classroom Management
EDB451	Secondary Professional Practice 2: Curriculum Decision Making Curriculum Studies 1 (First Teaching Area) Curriculum Studies 1 (Second Teaching Area)

**Year 4, Semester 1**

CLB306	Understanding Educational Practices
EDB452	Secondary Professional Practice 3: The Inclusive Curriculum Curriculum Studies 2 (First Teaching Area) Curriculum Studies 2 (Second Teaching Area)

**Year 4, Semester 2**

EDB453	Secondary Professional Practice 4: The Beginning Teacher Education Studies Elective (See List 3) Education Studies Elective (See List 3) Curriculum Studies Elective (See List 4)
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**Alternative Year 4, Semester 2: Middle Years Pathway**

EDB443	Professional Internship Of Associate Teaching
SPB008	The Middle Years Of Schooling
SPB022	The Middle Years Curriculum
EDB453	Secondary Professional Practice 4: The Beginning Teacher

**Course structure - Major in Mathematics (WITHOUT Maths C)**
**Year 1, Semester 1**

LSB118	Life Science
MAB100	Mathematical Sciences 1A
MAB101	Statistical Data Analysis 1
PCB101	Physical Science

**Year 1, Semester 2**

EDB001	Teaching and Learning Studies 1: Teaching in New Times
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C
MAB210	Statistical Modelling 1
MDB454	Science, Technology and Society

**Year 2, Semester 1**

SPB001	Human Development And Education
PCB142	Chemistry 1
MAB220	Computational Mathematics 1 Two Level 2 Mathematics units - available units are:

MAB311	Advanced Calculus
MAB312	Linear Algebra
MAB313	Mathematics of Finance
MAB314	Statistical Modelling 2

**Year 2, Semester 2**

SPB002	Psychology Of Learning And Teaching Two Level 2 Mathematics units - available units are:
MAB315	Operations Research 2
MAB413	Differential Equations
MAB414	Applied Statistics 2
MAB420	Computational Mathematics 2
MAB422	Mathematical Modelling Two Level 3 Mathematics units - available units are:

MAB621	Discrete Mathematics
MAB623	Financial Mathematics
Note:	Students must complete at least one of MAB311, MAB312, MAB413

MAB621	Discrete Mathematics
MAB623	Financial Mathematics
Note:	Students must complete at least one of MAB311, MAB312, MAB413

**Year 3, Semester 1**

CLB341	Language, Technology And Education
NRB100	Environmental Science
PCB107	Physics and Quantitative Techniques Two Level 3 Mathematics units - available units are:

MAB521	Applied Mathematics 3
MAB522	Computational Mathematics 3
MAB523	Introduction to Quality Management
MAB524	Statistical Inference
MAB525	Operations Research 3A
MAB672	Advanced Mathematical Modelling

**Year 3, Semester 2**

EDB450	Secondary Professional Practice 1: Classroom Management
EDB451	Secondary Professional Practice 2: Curriculum Decision Making Curriculum Studies 1 (First Teaching Area) Curriculum Studies 1 (Second Teaching Area)

**Year 4, Semester 1**

CLB306	Understanding Educational Practices
EDB452	Secondary Professional Practice 3: The Inclusive Curriculum

Curriculum Studies 2 (First Teaching Area)  
Curriculum Studies 2 (Second Teaching Area)

**Year 4, Semester 2**

EDB453 Secondary Professional Practice 4: The Beginning Teacher  
Education Studies Elective (See List 3)  
Education Studies Elective (See List 3)  
Curriculum Studies Elective (See List 4)

**Alternative Year 4, Semester 2: Middle Years Pathway**

EDB443 Professional Internship Of Associate Teaching  
SPB008 The Middle Years Of Schooling  
SPB022 The Middle Years Curriculum  
EDB453 Secondary Professional Practice 4: The Beginning Teacher

**Course structure - Major in Microbiology**

**Year 1, Semester 1**

LSB118 Life Science  
MAB101 Statistical Data Analysis 1  
PCB101 Physical Science  
PCB142 Chemistry 1

**Year 1, Semester 2**

EDB001 Teaching and Learning Studies 1: Teaching in New Times  
LSB238 Cell and Molecular Biology 1  
NRB270 Animal and Plant Structure and Function  
PCB242 Chemistry 2  
SCB222 Exploration of the Universe

**Year 2, Semester 1**

LSB308 Biochemistry  
LSB328 Microbiology 1  
LSB338 Cell and Molecular Biology 2  
NRB100 Environmental Science  
SPB001 Human Development And Education

**Year 2, Semester 2**

LSB408 Metabolism  
LSB428 Microbiology 2  
NRB230 Planet Earth  
MDB454 Science, Technology and Society  
SPB002 Psychology Of Learning And Teaching

**Year 3, Semester 1**

CLB341 Language, Technology And Education  
LSB528 Environmental Microbiology  
LSB547 Bacterial Pathogenesis and Disease Diagnosis  
LSB568 Electron Microscopy  
LSB578 Virology

**Year 3, Semester 2**

EDB450 Secondary Professional Practice 1: Classroom Management  
EDB451 Secondary Professional Practice 2: Curriculum Decision Making  
Curriculum Studies 1 (First Teaching Area)  
Curriculum Studies 1 (Second Teaching Area)

**Year 4, Semester 1**

CLB306 Understanding Educational Practices  
EDB452 Secondary Professional Practice 3: The Inclusive Curriculum  
Curriculum Studies 2 (First Teaching Area)  
Curriculum Studies 2 (Second Teaching Area)

**Year 4, Semester 2**

EDB453 Secondary Professional Practice 4: The Beginning Teacher  
Education Studies Elective (See List 3)  
Education Studies Elective (See List 3)  
Curriculum Studies Elective (See List 4)

**Alternative Year 4, Semester 2: Middle Years Pathway**

EDB443 Professional Internship Of Associate Teaching  
SPB008 The Middle Years Of Schooling  
SPB022 The Middle Years Curriculum  
EDB453 Secondary Professional Practice 4: The Beginning Teacher

**Course structure - Major in Physics**

**Year 1, Semester 1**

PCB101 Physical Science  
PCB107 Physics and Quantitative Techniques  
NRB100 Environmental Science  
Either

MAB180 Engineering Mathematics 1  
Or

MAB131 Engineering Mathematics 1A

**Year 1, Semester 2**

EDB001 Teaching and Learning Studies 1: Teaching in New Times  
MAB132 Engineering Mathematics 1B  
PCB250 Physics 1  
PCB260 Physics 1A

SCB222 Exploration of the Universe

**Year 2, Semester 1**

MAB134 Electrical Engineering Mathematics 3  
PCB142 Chemistry 1  
PCB361 AC Theory and Electronics  
PCB362 Physics 2  
SPB001 Human Development And Education

**Year 2, Semester 2**

PCB404 Scientific Principles of Safety  
PCB460 Instrumentation and Computational Methods  
PCB462 Thermodynamics and Solid State Physics  
MDB454 Science, Technology and Society  
SPB002 Psychology Of Learning And Teaching

**Year 3, Semester 1**

CLB341 Language, Technology And Education  
LSB118 Life Science  
PCB561 Quantum and Condensed Matter Physics  
PCB562 Physical Methods of Analysis  
PCB661 Experimental Physics

**Year 3, Semester 2**

EDB450 Secondary Professional Practice 1: Classroom Management  
EDB451 Secondary Professional Practice 2: Curriculum Decision Making  
Curriculum Studies 1 (First Teaching Area)  
Curriculum Studies 1 (Second Teaching Area)

**Year 4, Semester 1**

CLB306 Understanding Educational Practices  
EDB452 Secondary Professional Practice 3: The Inclusive Curriculum  
Curriculum Studies 2 (First Teaching Area)  
Curriculum Studies 2 (Second Teaching Area)

**Year 4, Semester 2**

EDB453 Secondary Professional Practice 4: The Beginning Teacher  
Education Studies Elective (See List 3)  
Education Studies Elective (See List 3)  
Curriculum Studies Elective (See List 4)

**Alternative Year 4, Semester 2: Middle Years Pathway**

EDB443 Professional Internship Of Associate Teaching  
SPB008 The Middle Years Of Schooling  
SPB022 The Middle Years Curriculum  
EDB453 Secondary Professional Practice 4: The Beginning Teacher

**EDUCATION COMPONENT**

**Course Structure**

EDB001, SPB001, SPB002 and CLB341 must be completed in the first five semesters of the course.

**Year 3, Semester 2**

EDB450 Secondary Professional Practice 1: Classroom Management  
EDB451 Secondary Professional Practice 2: Curriculum Decision Making  
Curriculum Studies 1 (First Teaching Area)  
Curriculum Studies 1 (Second Teaching Area)

**Year 4, Semester 1**

CLB306 Understanding Educational Practices  
EDB452 Secondary Professional Practice 3: The Inclusive Curriculum  
Curriculum Studies 2 (First Teaching Area)  
Curriculum Studies 2 (Second Teaching Area)

**Year 4, Semester 2**

EDB453 Secondary Professional Practice 4: The Beginning Teacher  
Education Studies Elective (See List 3)  
Education Studies Elective (See List 3)  
Curriculum Studies Elective (See List 4)

**Alternative Year 4, Semester 2: Middle Years Pathway**

EDB443 Professional Internship Of Associate Teaching  
SPB008 The Middle Years Of Schooling  
SPB022 The Middle Years Curriculum  
EDB453 Secondary Professional Practice 4: The Beginning Teacher

**Curriculum Studies 1 – List 1**

MDB325 Biology Curriculum Studies 1  
MDB327 Chemistry Curriculum Studies 1  
MDB331 Earth Science Curriculum Studies 1  
MDB333 Mathematics Curriculum Studies 1  
MDB335 Physics Curriculum Studies 1  
MDB337 Science Curriculum Studies 1

**Curriculum Studies 2 – List 2**

MDB326 Biology Curriculum Studies 2  
MDB328 Chemistry Curriculum Studies 2  
MDB332 Earth Science Curriculum Studies 2

MDB334	Mathematics Curriculum Studies 2: Senior Mathematics
MDB452	Mathematics Curriculum Studies 2: Junior & Vocational Mathematics
MDB336	Physics Curriculum Studies 2
MDB338	Science Curriculum Studies 2
Education Studies Elective Units	

### List 3

CLB301	Powerful Teachers, Powerful Students
CLB302	Identifying And Responding To Student Difference
CLB346	Case Studies In Adult And Family Literacy
CLB347	Teaching Students From Non-English Speaking Backgrounds
CLB401	Cultural Diversity And Education
CLB402	Issues In Indigenous Education
CLB403	Gender And Sexuality Issues For Teachers
EAB423	Museums: Places Of Learning
EDB440	Independent Study
EDB443	Professional Internship Of Associate Teaching
MDB300	Teaching In The Information Age
MDB381	Science And Technology In The Community And Workplace
SPB003	Teaching Children With Low Incidence Disabilities And Health Problems
SPB004	Teaching Exceptional Students
SPB006	Educational Counselling
SPB007	Human Sexuality And Learning
SPB008	The Middle Years Of Schooling
SPB009	Research Methods In Education
SPB010	Education Law And The Beginning Teacher
SPB011	Learning/teaching Environments
SPB012	Classroom And Behaviour Management
SPB017	Classroom Management: Models And Practice
SPB018	Teaching Strategies
SPB019	Introduction To Educational Administration
SPB020	Classroom Assessment Practices

### Curriculum Studies Electives – List 4

CLB334	Primary LOTE Curriculum Studies
CLB374	Studies Of Society And Environment
CLB377	Business Education Studies
CLB411	Introduction to Production Practice in Film and Media Curriculum
CLB412	Advanced Studies In English, ESL Curriculum
CLB443	Trends In The Teaching Of Reading
CLB453	New Literacies And Technologies Across The Curriculum
EDB440	Independent Study
MDB395	Marine Studies Curriculum
MDB414	Learning Environments Using Information Technology
MDP529	Diagnostic Assessment And Remedial Intervention In Mathematics
SPB013	Progressive Strategies For General And Vocational Education
SPB014	Advanced Skills Of Effective Learning And Teaching
SPB016	Teachers And The Curriculum
SPB022	The Middle Years Curriculum
HMB342	The Development Of Teaching Skills In Primary Physical Education
MDB453	Mathematics for Schools

### Science Component

Major in Physics (with Mathematics Studies)

Replace one science unit (not Physics units) with MAB101 Statistical Data Analysis 1

Optional - replace up to two other science units (not Physics units) with mathematics units from MAB210, MAB220 or Level 2 or Level 3 units.

Mathematics Studies for Majors other than Mathematics or Physics  
The following four mathematics units should be included:

MAB100	Mathematical Sciences 1A
MAB101	Statistical Data Analysis 1
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C

Up to two other mathematical units may also be selected.

## ■ Bachelor of Applied Science/Bachelor of Education (Secondary) (IX02)

**Award title:** Bachelor of Applied Science (Study Area A)/Bachelor of Education

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 4 years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 48 (semesters 1, 6-8), 60 (semesters 2-5)

**Course coordinator:** Dr Megan Hargreaves (Science); Dr Gordon Tait (Education)

### Note

IX02 replaces IF71 for commencing students in 2003, and is subject to final approval.

Applicants to the if71 course who have six units of credit or more should contact the faculty of education.

### Professional Recognition

The Bachelor of Education (Secondary) is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland. Applicants for registration as a teacher in Queensland are subject to national criminal history checks.

For graduates with approved study: Australasian Association of Clinical Biochemists, Australasian Institute of Mining and Metallurgy, Australian Biotechnology Association, Australian Institute of Geoscientists, Australian Institute of Physics, Australian Mathematical Society, Australian Society of Biochemistry and Molecular Biology, Australian Society for Medical Research, Australian Society for Microbiology, Australian Society for Operations Research, Ecological Society of Australia, Geological Society of Australia, Royal Australian Chemical Institute, and the Statistical Society of Australia.

### Special Entry Requirements

As required by Queensland's Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

### Course structure - Major in Biochemistry

#### Year 1, Semester 1

LSB118	Life Science
PCB101	Physical Science
PCB142	Chemistry 1
EDB002	Teaching and Learning Studies II: Development and Learning

#### Year 1, Semester 2

EDB031	Secondary Field Studies I: Development and Learning in the Field
LSB238	Cell and Molecular Biology 1
NRB270	Animal and Plant Structure and Function
PCB242	Chemistry 2
SCB222	Exploration of the Universe

#### Year 2, Semester 1

LSB308	Biochemistry
LSB328	Microbiology 1
LSB338	Cell and Molecular Biology 2
NRB100	Environmental Science Curriculum Studies 1X

#### Year 2, Semester 2

MDB454	Science, Technology and Society
LSB408	Metabolism EITHER
LSB497	Plant Molecular Biology OR
LSB468	Molecular Biology
LSB608	Protein Science
MAB101	Statistical Data Analysis 1

#### Year 3, Semester 1

	Curriculum Studies 1Y
LSB508	Advanced Metabolism
LSB527	Biomedical Research Technologies EITHER
LSB568	Electron Microscopy

OR  
 LSB537 Genetic Engineering  
 PCB150 Physics 1H  
**Year 3, Semester 2**  
 EDB003 Teaching and Learning Studies III: Practising Education  
 EDB032 Secondary Field Studies II: Practising Education in the Field  
 Curriculum Studies 2X  
 Curriculum Studies 2Y

**Year 4, Semester 1**  
 EDB004 Teaching and Learning Studies IV: Inclusive Education  
 EDB033 Secondary Field Studies III: Immersion in Inclusive  
 Educational Practices  
 Curriculum Studies 3X  
 Curriculum Studies 3Y

**Year 4, Semester 2**  
 EDB005 Teaching and Learning Studies V: Professional Work of  
 Teachers  
 EDB034 Secondary Field Studies IV: Professional Work of Teachers:  
 Induction into the Field  
 EDB035 Internship (Secondary)  
 Education Elective

### Course structure - Major in Biotechnology

**Year 1, Semester 1**  
 LSB118 Life Science  
 PCB101 Physical Science  
 PCB142 Chemistry 1  
 EDB002 Teaching and Learning Studies II: Development and Learning

**Year 1, Semester 2**  
 EDB031 Secondary Field Studies I: Development and Learning in the  
 Field  
 LSB238 Cell and Molecular Biology 1  
 NRB270 Animal and Plant Structure and Function  
 PCB242 Chemistry 2  
 SCB222 Exploration of the Universe

**Year 2, Semester 1**  
 LSB308 Biochemistry  
 LSB328 Microbiology 1  
 LSB338 Cell and Molecular Biology 2  
 NRB100 Environmental Science  
 Curriculum Studies 1X

**Year 2, Semester 2**  
 LSB408 Metabolism  
 LSB468 Molecular Biology  
 NRB230 Planet Earth  
 MAB101 Statistical Data Analysis 1  
 MDB454 Science, Technology and Society

**Year 3, Semester 1**  
 LSB527 Biomedical Research Technologies  
 LSB537 Genetic Engineering  
 LSB568 Electron Microscopy  
 EITHER  
 LSB509 Medical Biotechnology 1  
 OR  
 LSB577 Plant Biotechnology 1  
 Curriculum Studies 1Y

**Year 3, Semester 2**  
 EDB003 Teaching and Learning Studies III: Practising Education  
 EDB032 Secondary Field Studies II: Practising Education in the Field  
 Curriculum Studies 2X  
 Curriculum Studies 2Y

**Year 4, Semester 1**  
 EDB004 Teaching and Learning Studies IV: Inclusive Education  
 EDB033 Secondary Field Studies III: Immersion in Inclusive  
 Educational Practices  
 Curriculum Studies 3X  
 Curriculum Studies 3Y

**Year 4, Semester 2**  
 EDB005 Teaching and Learning Studies V: Professional Work of  
 Teachers  
 EDB034 Secondary Field Studies IV: Professional Work of Teachers:  
 Induction into the Field  
 EDB035 Internship (Secondary)  
 Education Elective

### Course structure - Major in Chemistry

**Year 1, Semester 1**  
 MAB101 Statistical Data Analysis 1  
 PCB101 Physical Science

PCB142 Chemistry 1  
 EDB002 Teaching and Learning Studies II: Development and Learning

**Year 1, Semester 2**  
 EDB031 Secondary Field Studies I: Development and Learning in the  
 Field  
 MAB100 Mathematical Sciences 1A  
 PCB242 Chemistry 2  
 PCB260 Physics 1A  
 PCB434 Inorganic Chemistry

**Year 2, Semester 1**  
 NRB100 Environmental Science  
 PCB305 Principles of Physical Chemistry  
 PCB354 Structure and Mechanism in Organic Chemistry  
 PCB414 Industrial and Environmental Analytical Chemistry  
 Curriculum Studies IX

**Year 2, Semester 2**  
 MDB454 Science, Technology and Society  
 NRB230 Planet Earth  
 PCB444 Spectroscopy  
 PCB634 Organometallic and Coordination Chemistry  
 SCB222 Exploration of the Universe

**Year 3, Semester 1**  
 LSB118 Life Science  
 PCB505 Advanced Physical Chemistry  
 PCB554 Synthesis and Reactivity in Organic Chemistry  
 One of  
 PCB514 Instrumental Analysis  
 PCB584 Forensic Examination of Physical Evidence  
 PCB604 Project  
 Curriculum Studies 1Y

**Year 3, Semester 2**  
 EDB003 Teaching and Learning Studies III: Practising Education  
 EDB032 Secondary Field Studies II: Practising Education in the Field  
 Curriculum Studies 2X  
 Curriculum Studies 2Y

**Year 4, Semester 1**  
 EDB004 Teaching and Learning Studies IV: Inclusive Education  
 EDB033 Secondary Field Studies III: Immersion in Inclusive  
 Educational Practices  
 Curriculum Studies 3X  
 Curriculum Studies 3Y

**Year 4, Semester 2**  
 EDB005 Teaching and Learning Studies V: Professional Work of  
 Teachers  
 EDB034 Secondary Field Studies IV: Professional Work of Teachers:  
 Induction into the Field  
 EDB035 Internship (Secondary)  
 Education Elective

### Course structure - Major in Ecology

**Year 1, Semester 1**  
 LSB118 Life Science  
 NRB100 Environmental Science  
 PCB101 Physical Science  
 EDB002 Teaching and Learning Studies II: Development and Learning

**Year 1, Semester 2**  
 EDB031 Secondary Field Studies I: Development and Learning in the  
 Field  
 MAB101 Statistical Data Analysis 1  
 NRB232 Environmental Geology  
 NRB270 Animal and Plant Structure and Function  
 NRB410 Genetics and Evolution

**Year 2, Semester 1**  
 NRB311 Population Ecology  
 NRB312 Experimental Design  
 NRB370 Invertebrate Biology  
 Curriculum Studies 1X

**Year 2, Semester 2**  
 MDB454 Science, Technology and Society  
 NRB411 Ecological Methods  
 NRB470 Vertebrate Biology  
 NRB611 Conservation Biology  
 SCB222 Exploration of the Universe

**Year 3, Semester 1**  
 NRB510 Population Genetics  
 NRB511 Population Management  
 NRB572 Terrestrial Ecosystems  
 Science elective  
 Curriculum Studies 1Y

**Year 3, Semester 2**

- EDB003 Teaching and Learning Studies III: Practising Education  
 EDB032 Secondary Field Studies II: Practising Education in the Field  
 Curriculum Studies 2X  
 Curriculum Studies 2Y

**Year 4, Semester 1**

- EDB004 Teaching and Learning Studies IV: Inclusive Education  
 EDB033 Secondary Field Studies III: Immersion in Inclusive  
 Educational Practices  
 Curriculum Studies 3X  
 Curriculum Studies 3Y

**Year 4, Semester 2**

- EDB005 Teaching and Learning Studies V: Professional Work of  
 Teachers  
 EDB034 Secondary Field Studies IV: Professional Work of Teachers:  
 Induction into the Field  
 EDB035 Internship (Secondary)  
 Education Elective

**Course structure - Major in Environmental Science**
**Year 1, Semester 1**

- LSB118 Life Science  
 NRB100 Environmental Science  
 PCB101 Physical Science  
 EDB002 Teaching and Learning Studies II: Development and Learning

**Year 1, Semester 2**

- EDB031 Secondary Field Studies I: Development and Learning in the  
 Field  
 MAB101 Statistical Data Analysis 1  
 MDB454 Science, Technology and Society  
 NRB232 Environmental Geology  
 PCB142 Chemistry 1

**Year 2, Semester 1**

- NRB300 Environmental Monitoring  
 NRB311 Population Ecology  
 Two elective Science units - recommended units are:  
 MAB100 Mathematical Sciences 1A  
 NRB370 Invertebrate Biology  
 NRB371 Plant Biology  
 ITB843 Computing Applications  
 Curriculum Studies 1X

**Year 2, Semester 2**

- NRB400 Environmental Systems  
 NRB440 Environmental Chemistry  
 NRB600 Issues in Environmental Science  
 NRB633 Hydrogeology  
 SCB222 Exploration of the Universe

**Year 3, Semester 1**

- NRB500 Environmental Modelling  
 NRB501 Mapping and Modelling of Natural Resource Data  
 One Science elective unit, taken from the group in year 2  
 semester 1 (above), plus  
 NRB572 Terrestrial Ecosystems  
 Curriculum Studies 1Y

**Year 3, Semester 2**

- EDB003 Teaching and Learning Studies III: Practising Education  
 EDB032 Secondary Field Studies II: Practising Education in the Field  
 Curriculum Studies 2X  
 Curriculum Studies 2Y

**Year 4, Semester 1**

- EDB004 Teaching and Learning Studies IV: Inclusive Education  
 EDB033 Secondary Field Studies III: Immersion in Inclusive  
 Educational Practices  
 Curriculum Studies 3X  
 Curriculum Studies 3Y

**Year 4, Semester 2**

- EDB005 Teaching and Learning Studies V: Professional Work of  
 Teachers  
 EDB034 Secondary Field Studies IV: Professional Work of Teachers:  
 Induction into the Field  
 EDB035 Internship (Secondary)  
 Education Elective

**Course structure - Major in Geology**
**Year 1, Semester 1**

- MAB101 Statistical Data Analysis 1  
 NRB100 Environmental Science  
 PCB101 Physical Science  
 EDB002 Teaching and Learning Studies II: Development and Learning

**Year 1, Semester 2**

- EDB031 Secondary Field Studies I: Development and Learning in the  
 Field  
 MAB100 Mathematical Sciences 1A  
 MDB454 Science, Technology and Society  
 NRB230 Planet Earth  
 PCB142 Chemistry 1

**Year 2, Semester 1**

- NRB300 Environmental Monitoring  
 NRB331 Sedimentary Geology  
 NRB333 Mineralogy  
 NRB334 Mineral Deposits And Mine Geology  
 Curriculum Studies 1X

**Year 2, Semester 2**

- NRB434 Structural Geology and Field Methods  
 NRB436 Introduction to Igneous and Metamorphic Petrology  
 NRB633 Hydrogeology  
 SCB222 Exploration of the Universe  
 One unit from  
 NRB435 Ore Genesis  
 NRB440 Environmental Chemistry

**Year 3, Semester 1**

- LSB118 Life Science  
 NRB533 Advanced Geological Mapping  
 NRB534 Geophysics  
 NRB536 Petrology and Geochemistry  
 The major component in assessment and teaching of NRB533  
 is conducted as a field program during July.  
 Curriculum Studies 1Y

**Year 3, Semester 2**

- EDB003 Teaching and Learning Studies III: Practising Education  
 EDB032 Secondary Field Studies II: Practising Education in the Field  
 Curriculum Studies 2X  
 Curriculum Studies 2Y

**Year 4, Semester 1**

- EDB004 Teaching and Learning Studies IV: Inclusive Education  
 EDB033 Secondary Field Studies III: Immersion in Inclusive  
 Educational Practices  
 Curriculum Studies 3X  
 Curriculum Studies 3Y

**Year 4, Semester 2**

- EDB005 Teaching and Learning Studies V: Professional Work of  
 Teachers  
 EDB034 Secondary Field Studies IV: Professional Work of Teachers:  
 Induction into the Field  
 EDB035 Internship (Secondary)  
 Education Elective

**Course structure - Major in Mathematics (WITH Maths C)**
**Year 1, Semester 1**

- MAB101 Statistical Data Analysis 1  
 MAB111 Mathematical Sciences 1B  
 MAB112 Mathematical Sciences 1C  
 EDB002 Teaching and Learning Studies II: Development and Learning

**Year 1, Semester 2**

- EDB031 Secondary Field Studies I: Development and Learning in the  
 Field  
 MAB210 Statistical Modelling 1  
 MAB220 Computational Mathematics 1  
 MDB454 Science, Technology and Society  
 SCB222 Exploration of the Universe

**Year 2, Semester 1**

- PCB142 Chemistry 1  
 Three Level 2 Mathematics units \* - available units are:  
 MAB311 Advanced Calculus  
 MAB312 Linear Algebra  
 MAB313 Mathematics of Finance  
 MAB314 Statistical Modelling 2  
 Curriculum Studies 1X

**Year 2, Semester 2**

- PCB101 Physical Science  
 Two Level 2 Mathematics units \* - available units are:  
 MAB315 Operations Research 2  
 MAB413 Differential Equations  
 MAB414 Applied Statistics 2  
 MAB420 Computational Mathematics 2  
 MAB422 Mathematical Modelling  
 Two Level 3 Mathematics units - available units are:

MAB621 Discrete Mathematics  
 MAB623 Financial Mathematics  
 \* Students must complete at least one of MAB311, MAB312, MAB413

**Year 3, Semester 1**

LSB118 Life Science  
 PCB107 Physics and Quantitative Techniques  
 Two Level 3 Mathematics units - available units are:

MAB521 Applied Mathematics 3  
 MAB522 Computational Mathematics 3  
 MAB523 Introduction to Quality Management  
 MAB524 Statistical Inference  
 MAB525 Operations Research 3A  
 MAB672 Advanced Mathematical Modelling  
 Curriculum Studies 1Y

**Year 3, Semester 2**

EDB003 Teaching and Learning Studies III: Practising Education  
 EDB032 Secondary Field Studies II: Practising Education in the Field  
 Curriculum Studies 2X  
 Curriculum Studies 2Y

**Year 4, Semester 1**

EDB004 Teaching and Learning Studies IV: Inclusive Education  
 EDB033 Secondary Field Studies III: Immersion in Inclusive  
 Educational Practices  
 Curriculum Studies 3X  
 Curriculum Studies 3Y

**Year 4, Semester 2**

EDB005 Teaching and Learning Studies V: Professional Work of  
 Teachers  
 EDB034 Secondary Field Studies IV: Professional Work of Teachers:  
 Induction into the Field  
 EDB035 Internship (Secondary)  
 Education Elective

**Course structure - Major in Mathematics (WITHOUT Maths C)**

**Year 1, Semester 1**

MAB100 Mathematical Sciences 1A  
 MAB101 Statistical Data Analysis 1  
 PCB101 Physical Science  
 EDB002 Teaching and Learning Studies II: Development and Learning

**Year 1, Semester 2**

EDB031 Secondary Field Studies I: Development and Learning in the  
 Field

MAB111 Mathematical Sciences 1B  
 MAB112 Mathematical Sciences 1C  
 MAB210 Statistical Modelling 1  
 MDB454 Science, Technology and Society

**Year 2, Semester 1**

PCB142 Chemistry 1  
 MAB220 Computational Mathematics 1  
 Two Level 2 Mathematics units\*\* - available units are:

MAB311 Advanced Calculus  
 MAB312 Linear Algebra  
 MAB313 Mathematics of Finance  
 MAB314 Statistical Modelling 2  
 Curriculum Studies 1X

**Year 2, Semester 2**

LSB118 Life Science  
 Two Level 2 Mathematics Units\*\* - available units are:

MAB315 Operations Research 2  
 MAB413 Differential Equations  
 MAB414 Applied Statistics 2  
 MAB420 Computational Mathematics 2  
 MAB422 Mathematical Modelling  
 Two Level 3 Mathematics units - available units are:

MAB621 Discrete Mathematics  
 MAB623 Financial Mathematics  
 \*\* Students must complete at least one of MAB311, MAB312, MAB413

**Year 3, Semester 1**

NRB100 Environmental Science  
 PCB107 Physics and Quantitative Techniques  
 Two Level 3 Mathematics units - available units are:

MAB521 Applied Mathematics 3  
 MAB522 Computational Mathematics 3  
 MAB523 Introduction to Quality Management  
 MAB524 Statistical Inference  
 MAB525 Operations Research 3A

MAB672 Advanced Mathematical Modelling  
 Curriculum Studies 1Y

**Year 3, Semester 2**

EDB003 Teaching and Learning Studies III: Practising Education  
 EDB032 Secondary Field Studies II: Practising Education in the Field  
 Curriculum Studies 2X  
 Curriculum Studies 2Y

**Year 4, Semester 1**

EDB004 Teaching and Learning Studies IV: Inclusive Education  
 EDB033 Secondary Field Studies III: Immersion in Inclusive  
 Educational Practices  
 Curriculum Studies 3X  
 Curriculum Studies 3Y

**Year 4, Semester 2**

EDB005 Teaching and Learning Studies V: Professional Work of  
 Teachers  
 EDB034 Secondary Field Studies IV: Professional Work of Teachers:  
 Induction into the Field  
 EDB035 Internship (Secondary)  
 Education Elective

**Course structure - Major in Microbiology**

**Year 1, Semester 1**

LSB118 Life Science  
 PCB101 Physical Science  
 PCB142 Chemistry 1  
 EDB002 Teaching and Learning Studies II: Development and Learning

**Year 1, Semester 2**

EDB031 Secondary Field Studies I: Development and Learning in the  
 Field

LSB238 Cell and Molecular Biology 1  
 NRB270 Animal and Plant Structure and Function  
 PCB242 Chemistry 2  
 SCB222 Exploration of the Universe

**Year 2, Semester 1**

LSB308 Biochemistry  
 LSB328 Microbiology 1  
 LSB338 Cell and Molecular Biology 2  
 NRB100 Environmental Science  
 Curriculum Studies 1X

**Year 2, Semester 2**

MDB454 Science, Technology and Society

LSB428 Microbiology 2

Either  
 LSB408 Metabolism  
 Or

LSB468 Molecular Biology  
 MAB101 Statistical Data Analysis 1  
 NRB230 Planet Earth

**Year 3, Semester 1**

LSB528 Environmental Microbiology  
 LSB547 Bacterial Pathogenesis and Disease Diagnosis  
 LSB568 Electron Microscopy  
 LSB578 Virology  
 Curriculum Studies 1Y

**Year 3, Semester 2**

EDB003 Teaching and Learning Studies III: Practising Education  
 EDB032 Secondary Field Studies II: Practising Education in the Field  
 Curriculum Studies 2X  
 Curriculum Studies 2Y

**Year 4, Semester 1**

EDB004 Teaching and Learning Studies IV: Inclusive Education  
 EDB033 Secondary Field Studies III: Immersion in Inclusive  
 Educational Practices  
 Curriculum Studies 3X  
 Curriculum Studies 3Y

**Year 4, Semester 2**

EDB005 Teaching and Learning Studies V: Professional Work of  
 Teachers  
 EDB034 Secondary Field Studies IV: Professional Work of Teachers:  
 Induction into the Field  
 EDB035 Internship (Secondary)  
 Education Elective

**Course structure - Major in Physics**

**Year 1, Semester 1**

PCB101 Physical Science  
 PCB107 Physics and Quantitative Techniques  
 Either



MAB180	Engineering Mathematics 1 Or
MAB131	Engineering Mathematics 1A
SPB001	Human Development And Education
<b>Year 1, Semester 2</b>	
EDB031	Secondary Field Studies I: Development and Learning in the Field
MAB132	Engineering Mathematics 1B
PCB250	Physics 1
PCB260	Physics 1A
SCB222	Exploration of the Universe
<b>Year 2, Semester 1</b>	
MAB134	Electrical Engineering Mathematics 3
PCB142	Chemistry 1
PCB361	AC Theory and Electronics
PCB362	Physics 2 Curriculum Studies 1X
<b>Year 2, Semester 2</b>	
LSB118	Life Science
MDB454	Science, Technology and Society
PCB404	Scientific Principles of Safety
PCB460	Instrumentation and Computational Methods
PCB462	Thermodynamics and Solid State Physics
<b>Year 3, Semester 1</b>	
NRB100	Environmental Science
PCB561	Quantum and Condensed Matter Physics
PCB562	Physical Methods of Analysis
PCB661	Experimental Physics Curriculum Studies 1Y
<b>Year 3, Semester 2</b>	
EDB003	Teaching and Learning Studies III: Practising Education
EDB032	Secondary Field Studies II: Practising Education in the Field Curriculum Studies 2X Curriculum Studies 2Y
<b>Year 4, Semester 1</b>	
EDB004	Teaching and Learning Studies IV: Inclusive Education
EDB033	Secondary Field Studies III: Immersion in Inclusive Educational Practices Curriculum Studies 3X Curriculum Studies 3Y
<b>Year 4, Semester 2</b>	
EDB005	Teaching and Learning Studies V: Professional Work of Teachers
EDB034	Secondary Field Studies IV: Professional Work of Teachers: Induction into the Field
EDB035	Internship (Secondary) Education Elective

### Course structure - Major in Physics (with Mathematics Studies)

Replace one science unit (not Physics units) with MAB101 Statistical Data Analysis 1. Optional - replace up to two other science units (not Physics units) with mathematics units from MAB210, MAB220 or Level 2 or Level 3 units.

### Mathematics Studies for Majors other than Mathematics or Physics

The following four mathematics units should be included:

MAB100	Mathematical Sciences 1A
MAB101	Statistical Data Analysis 1
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C

Up to two other mathematical units may also be selected.

### Curriculum Studies 1

MDB009	Biology Curriculum Studies 1
MDB012	Chemistry Curriculum Studies 1
MDB018	Earth Science Curriculum Studies 1
MDB021	Mathematics Curriculum Studies 1
MDB024	Physics Curriculum Studies 1
MDB027	Science Curriculum Studies 1

### Curriculum Studies 2

MDB010	Biology Curriculum Studies 2
MDB013	Chemistry Curriculum Studies 2
MDB019	Earth Science Curriculum Studies 2
MDB022	Mathematics Curriculum Studies 2
MDB025	Physics Curriculum Studies 2
MDB028	Science Curriculum Studies 2

### Curriculum Studies 3

MDB011	Biology Curriculum Studies 3
MDB014	Chemistry Curriculum Studies 3
MDB020	Earth Science Curriculum Studies 3
MDB023	Mathematics Curriculum Studies 3
MDB026	Physics Curriculum Studies 3
MDB029	Science Curriculum Studies 3

## ■ Bachelor of Applied Science/Bachelor of Information Technology (IF29)

**Award title:** Bachelor of Applied Science (Study Area A)/Bachelor of Information Technology

**CRICOS code:** 020327M

**Location:** Gardens Point

**Course duration (full-time):** 4 Years

**Total credit points:** 408 (Note: The minimum course load per semester required for full-time enrolment may be more than 36 credit points)

**Course coordinator:** Dr Megan Hargreaves (Science); Dr Colin Boyd (InfTech)

### Professional Recognition

Graduates are eligible for membership of the Australian Computer Society (ACS). For graduates with approved study relevant professional bodies for the Bachelor of Applied Science degree are Australasian Association of Clinical Biochemists, Australasian Institute of Mining and Metallurgy, Australian Biotechnology Association, Australian Institute of Geoscientists, Australian Institute of Physics, Australian Mathematical Society, Australian Society for Biochemistry and Molecular Biology, Australian Society for Medical Research, Australian Society for Microbiology, Australian Society for Operations Research, Ecological Society of Australia, Geological Society of Australia, Royal Australian Chemical Institute, Statistical Society of Australia.

### Course Structure

Students must complete 192 credit points of units offered within the Faculty of Science and meet all the requirements of the core and a major as specified for the SC01 Bachelor of Applied Science program.

### Course structure - Major in Biochemistry

#### Year 1, Semester 1

ITB111	Software Development 1
ITB115	Introduction to Databases
LSB118	Life Science
PCB101	Physical Science

#### Year 1, Semester 2

ITB112	Software Development 2
ITB114	Introduction to Network Technologies
ITB118	Systems Life Cycle
LSB238	Cell and Molecular Biology 1
NRB270	Animal and Plant Structure and Function

#### Year 2, Semester 1

ITB113	Introduction to Computer Architecture and System Software
ITB421	Software Development 3
ITB524	Internetworking
LSB142	Human Anatomy and Physiology
PCB142	Chemistry 1

#### Year 2, Semester 2

ITB527	Network Technologies
ITB529	Network Services
MAB101	Statistical Data Analysis 1
PCB242	Chemistry 2

#### Year 3, Semester 1

ITB420	Computer Architecture
LSB308	Biochemistry
LSB338	Cell and Molecular Biology 2 IT Specialisation Unit selected from List 1

#### Year 3, Semester 2

ITB424	Software Engineering Principles
ITB448	Object Technology
LSB408	Metabolism
LSB468	Molecular Biology

**Year 4, Semester 1**

ITB432	Advanced Programming Laboratory
LSB508	Advanced Metabolism
LSB527	Biomedical Research Technologies
	IT Specialisation Unit selected from List 1

**Year 4, Semester 2**

LSB607	Protein Purification
LSB608	Protein Science
	IT Specialisation Unit selected from List 1
	IT Specialisation Unit selected from List 1

**Course structure - Major in Biotechnology (Medical Strand)****Year 1, Semester 1**

ITB111	Software Development 1
ITB115	Introduction to Databases
LSB118	Life Science
PCB101	Physical Science

**Year 1, Semester 2**

ITB112	Software Development 2
ITB114	Introduction to Network Technologies
ITB118	Systems Life Cycle
LSB238	Cell and Molecular Biology 1
NRB270	Animal and Plant Structure and Function

**Year 2, Semester 1**

ITB113	Introduction to Computer Architecture and System Software
ITB421	Software Development 3
ITB524	Internetworking
LSB142	Human Anatomy and Physiology
PCB142	Chemistry 1

**Year 2, Semester 2**

ITB527	Network Technologies
ITB529	Network Services
MAB101	Statistical Data Analysis 1
PCB242	Chemistry 2

**Year 3, Semester 1**

ITB420	Computer Architecture
LSB308	Biochemistry
LSB338	Cell and Molecular Biology 2
	IT Specialisation Unit selected from List 1

**Year 3, Semester 2**

ITB424	Software Engineering Principles
ITB448	Object Technology
LSB408	Metabolism
LSB468	Molecular Biology

**Year 4, Semester 1**

ITB432	Advanced Programming Laboratory
LSB537	Genetic Engineering
LSB509	Medical Biotechnology 1
	IT Specialisation Unit selected from List 1

**Year 4, Semester 2**

LSB609	Medical Biotechnology 2
LSB619	Genomics
	IT Specialisation Unit selected from List 1
	IT Specialisation Unit selected from List 1

**Course structure - Major in Chemistry****Year 1, Semester 1**

ITB111	Software Development 1
ITB115	Introduction to Databases
MAB100	Mathematical Sciences 1A
PCB101	Physical Science

**Year 1, Semester 2**

ITB112	Software Development 2
ITB114	Introduction to Network Technologies
ITB118	Systems Life Cycle
LSB118	Life Science
MAB101	Statistical Data Analysis 1

**Year 2, Semester 1**

ITB113	Introduction to Computer Architecture and System Software
ITB421	Software Development 3
ITB524	Internetworking
NRB100	Environmental Science
PCB142	Chemistry 1

**Year 2, Semester 2**

ITB527	Network Technologies
ITB529	Network Services
PCB242	Chemistry 2
PCB260	Physics 1A

**Year 3, Semester 1**

ITB420	Computer Architecture
PCB305	Principles of Physical Chemistry
PCB354	Structure and Mechanism in Organic Chemistry
	IT Specialisation Unit selected from List 1

**Year 3, Semester 2**

ITB424	Software Engineering Principles
ITB448	Object Technology
PCB434	Inorganic Chemistry
PCB444	Spectroscopy

**Year 4, Semester 1**

ITB432	Advanced Programming Laboratory
PCB505	Advanced Physical Chemistry
PCB554	Synthesis and Reactivity in Organic Chemistry
	IT Specialisation Unit selected from List 1

**Year 4, Semester 2**

PCB634	Organometallic and Coordination Chemistry
PCB644	Frontiers In Chemistry
	IT Specialisation Unit selected from List 1
	IT Specialisation Unit selected from List 1

**Course structure - Major in Ecology****Year 1, Semester 1**

ITB111	Software Development 1
ITB115	Introduction to Databases
NRB100	Environmental Science
PCB101	Physical Science

**Year 1, Semester 2**

ITB112	Software Development 2
ITB114	Introduction to Network Technologies
ITB118	Systems Life Cycle
LSB118	Life Science
NRB232	Environmental Geology

**Year 2, Semester 1**

ITB113	Introduction to Computer Architecture and System Software
ITB421	Software Development 3
ITB524	Internetworking
MAB101	Statistical Data Analysis 1
PCB142	Chemistry 1

**Year 2, Semester 2**

ITB527	Network Technologies
ITB529	Network Services
LSB238	Cell and Molecular Biology 1
NRB270	Animal and Plant Structure and Function

**Year 3, Semester 1**

ITB420	Computer Architecture
NRB311	Population Ecology
NRB312	Experimental Design
	IT Specialisation Unit selected from List 1

**Year 3, Semester 2**

ITB424	Software Engineering Principles
ITB448	Object Technology
NRB410	Genetics and Evolution
NRB411	Ecological Methods

**Year 4, Semester 1**

ITB432	Advanced Programming Laboratory
NRB510	Population Genetics
NRB511	Population Management
	IT Specialisation Unit selected from List 1

**Year 4, Semester 2**

NRB610	Ecological Applications
NRB611	Conservation Biology
	IT Specialisation Unit selected from List 1
	IT Specialisation Unit selected from List 1

**Course structure - Major in Environmental Science****Year 1, Semester 1**

ITB111	Software Development 1
ITB115	Introduction to Databases
NRB100	Environmental Science
PCB101	Physical Science

**Year 1, Semester 2**

ITB112	Software Development 2
ITB114	Introduction to Network Technologies
ITB118	Systems Life Cycle
MAB100	Mathematical Sciences 1A
NRB232	Environmental Geology

**Year 2, Semester 1**

ITB113	Introduction to Computer Architecture and System Software
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ITB421 Software Development 3  
 ITB524 Internetworking  
 LSB118 Life Science  
 PCB142 Chemistry 1  
**Year 2, Semester 2**  
 ITB527 Network Technologies  
 ITB529 Network Services  
 MAB101 Statistical Data Analysis 1  
 NRB270 Animal and Plant Structure and Function  
**Year 3, Semester 1**  
 ITB420 Computer Architecture  
 NRB300 Environmental Monitoring  
 NRB311 Population Ecology  
 IT Specialisation Unit selected from List 1

**Year 3, Semester 2**

ITB424 Software Engineering Principles  
 ITB448 Object Technology  
 NRB410 Genetics and Evolution  
 NRB440 Environmental Chemistry

**Year 4, Semester 1**

ITB432 Advanced Programming Laboratory  
 NRB500 Environmental Modelling  
 NRB501 Mapping and Modelling of Natural Resource Data  
 IT Specialisation Unit selected from List 1

**Year 4, Semester 2**

NRB600 Issues in Environmental Science  
 NRB633 Hydrogeology  
 IT Specialisation Unit selected from List 1  
 IT Specialisation Unit selected from List 1

**Course structure - Major in Geoscience**

**Year 1, Semester 1**

ITB111 Software Development 1  
 ITB115 Introduction to Databases  
 MAB100 Mathematical Sciences 1A  
 PCB101 Physical Science

**Year 1, Semester 2**

ITB112 Software Development 2  
 ITB114 Introduction to Network Technologies  
 ITB118 Systems Life Cycle  
 NRB232 Environmental Geology  
 PCB250 Physics 1

**Year 2, Semester 1**

ITB113 Introduction to Computer Architecture and System Software  
 ITB421 Software Development 3  
 ITB524 Internetworking  
 MAB101 Statistical Data Analysis 1  
 PCB142 Chemistry 1

**Year 2, Semester 2**

ITB527 Network Technologies  
 ITB529 Network Services  
 NRB230 Planet Earth  
 PCB242 Chemistry 2

**Year 3, Semester 1**

ITB420 Computer Architecture  
 NRB331 Sedimentary Geology  
 NRB333 Mineralogy

**Year 3, Semester 2**

ITB424 Software Engineering Principles  
 ITB448 Object Technology  
 NRB431 Geological Field Methods  
 NRB434 Structural Geology and Field Methods  
 IT Specialisation Unit selected from List 1

**Year 4, Semester 1**

ITB432 Advanced Programming Laboratory  
 ITB5xx IT Specialisation Unit selected from List 1  
 Level 3 Geoscience unit  
 Level 3 Geoscience unit

**Year 4, Semester 2**

IT Specialisation Unit selected from List 1  
 IT Specialisation Unit selected from List 1  
 Level 3 Geoscience unit  
 Level 3 Geoscience unit

**Course structure - Major in Microbiology**

**Year 1, Semester 1**

ITB111 Software Development 1  
 ITB115 Introduction to Databases  
 LSB118 Life Science

PCB101 Physical Science

**Year 1, Semester 2**

ITB112 Software Development 2  
 ITB114 Introduction to Network Technologies  
 ITB118 Systems Life Cycle  
 LSB238 Cell and Molecular Biology 1  
 NRB270 Animal and Plant Structure and Function

**Year 2, Semester 1**

ITB113 Introduction to Computer Architecture and System Software  
 ITB421 Software Development 3  
 ITB524 Internetworking  
 MAB100 Mathematical Sciences 1A  
 PCB142 Chemistry 1

**Year 2, Semester 2**

ITB527 Network Technologies  
 ITB529 Network Services  
 MAB101 Statistical Data Analysis 1  
 PCB242 Chemistry 2

**Year 3, Semester 1**

ITB420 Computer Architecture  
 LSB308 Biochemistry  
 LSB328 Microbiology 1  
 IT Specialisation Unit selected from List 1

**Year 3, Semester 2**

ITB424 Software Engineering Principles  
 ITB448 Object Technology  
 LSB428 Microbiology 2  
 Any LSB unit from Level 2

**Year 4, Semester 1**

ITB432 Advanced Programming Laboratory  
 LSB528 Environmental Microbiology  
 LSB578 Virology  
 IT Specialisation Unit selected from List 1

**Year 4, Semester 2**

LSB628 Food Microbiology  
 LSB648 Molecular Microbiology  
 IT Specialisation Unit selected from List 1  
 IT Specialisation Unit selected from List 1

**Course structure - Major in Physics**

**Year 1, Semester 1**

ITB111 Software Development 1  
 ITB115 Introduction to Databases  
 PCB101 Physical Science  
 AND  
 MAB131 Engineering Mathematics 1A  
 OR  
 MAB180 Engineering Mathematics 1

**Year 1, Semester 2**

ITB112 Software Development 2  
 ITB114 Introduction to Network Technologies  
 ITB118 Systems Life Cycle  
 MAB132 Engineering Mathematics 1B

**Year 2, Semester 1**

ITB113 Introduction to Computer Architecture and System Software  
 ITB421 Software Development 3  
 ITB524 Internetworking  
 MAB134 Electrical Engineering Mathematics 3  
 PCB107 Physics and Quantitative Techniques

**Year 2, Semester 2**

ITB527 Network Technologies  
 ITB529 Network Services  
 MAB101 Statistical Data Analysis 1  
 PCB250 Physics 1  
 PCB260 Physics 1A

**Year 3, Semester 1**

ITB420 Computer Architecture  
 PCB361 AC Theory and Electronics  
 PCB362 Physics 2  
 IT Specialisation Unit selected from List 1

**Year 3, Semester 2**

ITB424 Software Engineering Principles  
 ITB448 Object Technology  
 PCB460 Instrumentation and Computational Methods  
 PCB462 Thermodynamics and Solid State Physics

**Year 4, Semester 1**

ITB432 Advanced Programming Laboratory  
 PCB561 Quantum and Condensed Matter Physics  
 PCB562 Physical Methods of Analysis

IT Specialisation Unit selected from List 1

**Year 4, Semester 2**

PCB661 Experimental Physics

PCB665 Physics 3

IT Specialisation Unit selected from List 1

IT Specialisation Unit selected from List 1

**IF29 - List 1: Information Technology Specialisation Units**

Select four units from the following list of units:

**Computing Science**

- ITB427 Concurrent And Distributed Systems
- ITB433 Programming Languages
- ITB441 Graphics
- ITB442 Foundations Of Artificial Intelligence
- ITB447 Project
- ITB434 Parallel Computing
- ITB454 Software Quality Assurance
- ITB456 Graphic User Interfaces
- ITB457 Windows Programming
- ITB458 Java And Extensible Programming
- ITB463 Pattern Recognition
- ITB464 Modern Compiler Construction
- ITB466 Component Technology
- ITB468 Software Engineering Project
- ITB469 Unix Systems Programming And Administration
- ITB470 Windows 2000 System Programming And Administration
- ITB471 Software Development For The Web

**Data Communications**

- ITB523 Data Security
  - ITB525 Network Administration
  - ITB533 Comparative Network Systems
  - ITB549 Error Control And Data Compression
  - ITB551 Network Planning
  - ITB564 Application Services
  - ITB565 Network Management
  - ITB566 Introduction To Cryptology
  - ITB568 Wireless Networks
  - ITB569 Network Security For E-Commerce
  - ITB576 Data Communications Project 1
- Note: All Information Technology units have 3 contact hours per week

**IF29 - Science Elective Units**

**Level 3 Geoscience Units**

- NRB501 Mapping and Modelling of Natural Resource Data
- NRB533 Advanced Geological Mapping
- NRB534 Geophysics
- NRB535 Geology of Fossil Fuels
- NRB536 Petrology and Geochemistry
- NRB633 Hydrogeology
- NRB635 Plate Tectonics and Advanced Structural Geology
- NRB636 Stratigraphy and Basin Analysis

**Level 2 LSB Units**

- LSB308 Biochemistry
- LSB309 Introduction to Intellectual Property Law
- LSB328 Microbiology 1
- LSB338 Cell and Molecular Biology 2
- LSB358 Physiology 1
- LSB397 Plant Physiology 1
- LSB408 Metabolism
- LSB428 Microbiology 2
- LSB438 Immunology 1
- LSB458 Physiology 2
- LSB468 Molecular Biology
- LSB497 Plant Molecular Biology

**■ Bachelor of Applied Science/Bachelor of Laws (IF39)**

**Award title:** Bachelor of Applied Science (Study Area A)/Bachelor of Laws

**CRICOS code:** 012661G

**Location:** Gardens Point

**Course duration (full-time):** 5 Years

**Total credit points:** 528

**Standard credit points per semester (full-time):** 60 (years 1 and 4), 48 (years 2, 3 and 5)

**Course coordinator:** Dr Megan Hargreaves (Science); Director, Undergraduate Programs (Law)

**Professional Recognition**

The Bachelor of Laws component covers the areas of law required for admission as a solicitor and/or barrister in all Australian states and territories. For graduates with approved study relevant professional bodies for the Bachelor of Applied Science degree are Australasian Association of Clinical Biochemists, Australasian Institute of Mining and Metallurgy, Australian Biotechnology Association, Australian Institute of Geoscientists, Australian Institute of Physics, Australian Mathematical Society, Australian Society for Biochemistry and Molecular Biology, Australian Society for Medical Research, Australian Society for Microbiology, Australian Society for Operations Research, Ecological Society of Australia, Geological Society of Australia, Royal Australian Chemical Institute, Statistical Society of Australia.

**Course Design**

The course is designed to cover all major areas of the law as well as allowing students to choose any one of the science majors that are offered in the Bachelor of Applied Science course (SC01). The science units are taken in conjunction with law units in the first three years, with the fourth and fifth years of the course normally consisting entirely of law units.

**Course structure - Major in Biochemistry**

**Year 1, Semester 1**

- Introduction to Legal Research #
  - LSB118 Life Science
  - LWB141 Legal Institutions And Method
  - LWB142 Law, Society And Justice
  - MAB101 Statistical Data Analysis 1
  - PCB101 Physical Science
- Note: Students who have an SA or better in Senior Chemistry may replace PCB101 with PCB142 and in Semester 2, replace PCB142 with PCB242.

**Year 1, Semester 2**

- LSB238 Cell and Molecular Biology 1
- LWB143 Legal Research And Writing
- LWB144 Laws And Global Perspectives
- NRB270 Animal and Plant Structure and Function
- PCB142 Chemistry 1

**Year 2, Semester 1**

- LSB308 Biochemistry
  - LSB338 Cell and Molecular Biology 2
  - LWB136 Contracts A
  - PCB242 Chemistry 2
- Note: Students who have previously completed PCB242 may replace this with a Science elective

**Year 2, Semester 2**

- LSB258 Human Anatomy and Physiology
- LSB408 Metabolism
- LSB468 Molecular Biology
- LWB137 Contracts B

**Year 3, Semester 1**

- LSB508 Advanced Metabolism
- LSB527 Biomedical Research Technologies
- LWB138 Fundamentals Of Torts
- LWB238 Fundamentals Of Criminal Law

**Year 3, Semester 2**

- LSB607 Protein Purification
- LSB608 Protein Science
- LWB139 Select Issues In Torts

LWB239 Criminal Responsibility  
**Year 4, Semester 1**  
 LWB231 Introduction To Public Law  
 LWB236 Real Property A  
 LWB240 Principles Of Equity  
 LWB332 Commercial And Personal Property Law  
 LWB333 Theories Of Law

**Year 4, Semester 2**  
 LWB235 Australian Federal Constitutional Law  
 LWB237 Real Property B  
 LWB241 Trusts  
 LWB331 Administrative Law  
 LWB334 Corporate Law

**Year 5, Semester 1**  
 LWB431 Civil Procedure  
 LWB432 Evidence  
 LWB434 Advanced Research And Legal Reasoning  
 Elective Units \*

**Year 5, Semester 2**  
 LWB433 Professional Responsibility  
 Elective Units \*

### Course structure - Major in Biotechnology [Medical Strand]

**Year 1, Semester 1**  
 Introduction to Legal Research #  
 LSB118 Life Science

LWB141 Legal Institutions And Method  
 LWB142 Law, Society And Justice  
 MAB101 Statistical Data Analysis 1  
 PCB101 Physical Science

Note: Students who have an SA or better in Senior Chemistry may replace PCB101 with PCB142 and in Semester 2, may replace PCB142 with PCB242.

**Year 1, Semester 2**  
 LSB238 Cell and Molecular Biology 1  
 LWB143 Legal Research And Writing  
 LWB144 Laws And Global Perspectives  
 NRB270 Animal and Plant Structure and Function  
 PCB142 Chemistry 1

**Year 2, Semester 1**  
 LSB308 Biochemistry  
 LSB338 Cell and Molecular Biology 2  
 LWB136 Contracts A  
 PCB242 Chemistry 2  
 Note: Students who have previously completed PCB242 may replace this with a Science elective

**Year 2, Semester 2**  
 One Science elective, for example:  
 LSB258 Human Anatomy and Physiology  
 LSB408 Metabolism  
 LSB468 Molecular Biology  
 LWB137 Contracts B

**Year 3, Semester 1**  
 LSB509 Medical Biotechnology 1  
 LSB537 Genetic Engineering  
 LWB138 Fundamentals Of Torts  
 LWB238 Fundamentals Of Criminal Law

**Year 3, Semester 2**  
 LSB609 Medical Biotechnology 2  
 LSB619 Genomics  
 LWB139 Select Issues In Torts  
 LWB239 Criminal Responsibility

**Year 4, Semester 1**  
 LWB231 Introduction To Public Law  
 LWB236 Real Property A  
 LWB240 Principles Of Equity  
 LWB332 Commercial And Personal Property Law  
 LWB333 Theories Of Law

**Year 4, Semester 2**  
 LWB235 Australian Federal Constitutional Law  
 LWB237 Real Property B  
 LWB241 Trusts  
 LWB331 Administrative Law  
 LWB334 Corporate Law

**Year 5, Semester 1**  
 LWB431 Civil Procedure  
 LWB432 Evidence  
 LWB434 Advanced Research And Legal Reasoning

Elective Units \*

**Year 5, Semester 2**  
 LWB433 Professional Responsibility  
 Elective Units \*

### Course structure - Major in Biotechnology [Plant Biotechnology Strand]

**Year 1, Semester 1**  
 Introduction to Legal Research #  
 LSB118 Life Science

LWB141 Legal Institutions And Method  
 LWB142 Law, Society And Justice  
 MAB101 Statistical Data Analysis 1  
 PCB101 Physical Science

Note: Students who have an SA or better in Senior Chemistry may replace PCB101 with PCB142 and in Semester 2, may replace PCB142 with PCB242.

**Year 1, Semester 2**  
 LSB238 Cell and Molecular Biology 1  
 LWB143 Legal Research And Writing  
 LWB144 Laws And Global Perspectives  
 NRB270 Animal and Plant Structure and Function  
 PCB142 Chemistry 1

**Year 2, Semester 1**  
 LSB308 Biochemistry  
 LSB338 Cell and Molecular Biology 2  
 LWB136 Contracts A  
 PCB242 Chemistry 2  
 Note: Students who have previously completed PCB242 may replace this with a Science elective

**Year 2, Semester 2**  
 LSB468 Molecular Biology  
 LSB497 Plant Molecular Biology  
 One Science elective, for example:  
 LSB397 Plant Physiology 1  
 LWB137 Contracts B

**Year 3, Semester 1**  
 LSB537 Genetic Engineering  
 LSB577 Plant Biotechnology 1  
 LWB138 Fundamentals Of Torts  
 LWB238 Fundamentals Of Criminal Law

**Year 3, Semester 2**  
 LSB677 Plant Biotechnology 2  
 One level 3 Science unit, for example:  
 LSB619 Genomics  
 LWB139 Select Issues In Torts  
 LWB239 Criminal Responsibility

**Year 4, Semester 1**  
 LWB231 Introduction To Public Law  
 LWB236 Real Property A  
 LWB240 Principles Of Equity  
 LWB332 Commercial And Personal Property Law  
 LWB333 Theories Of Law

**Year 4, Semester 2**  
 LWB235 Australian Federal Constitutional Law  
 LWB237 Real Property B  
 LWB241 Trusts  
 LWB331 Administrative Law  
 LWB334 Corporate Law

**Year 5, Semester 1**  
 LWB431 Civil Procedure  
 LWB432 Evidence  
 LWB434 Advanced Research And Legal Reasoning  
 Elective Units \*

**Year 5, Semester 2**  
 LWB433 Professional Responsibility  
 Elective Units \*

### Course structure - Major in Chemistry

**Year 1, Semester 1**  
 Introduction to Legal Research #  
 LWB141 Legal Institutions And Method

LWB142 Law, Society And Justice  
 MAB100 Mathematical Sciences 1A  
 NRB100 Environmental Science  
 PCB101 Physical Science

Note: Students who have an SA or better in Senior Chemistry may replace PCB101 with LSB118.

**Year 1, Semester 2**

LWB143 Legal Research And Writing  
 LWB144 Laws And Global Perspectives  
 PCB142 Chemistry 1  
 PCB242 Chemistry 2  
 PCB260 Physics 1A

**Year 2, Semester 1**

LWB136 Contracts A  
 MAB101 Statistical Data Analysis 1  
 PCB305 Principles of Physical Chemistry  
 PCB354 Structure and Mechanism in Organic Chemistry

**Year 2, Semester 2**

LWB137 Contracts B  
 PCB414 Industrial and Environmental Analytical Chemistry  
 PCB434 Inorganic Chemistry  
 PCB444 Spectroscopy

**Year 3, Semester 1**

LWB138 Fundamentals Of Torts  
 LWB238 Fundamentals Of Criminal Law  
 PCB505 Advanced Physical Chemistry  
 PCB554 Synthesis and Reactivity in Organic Chemistry

**Year 3, Semester 2**

LWB139 Select Issues In Torts  
 LWB239 Criminal Responsibility  
 PCB634 Organometallic and Coordination Chemistry  
 PCB644 Frontiers In Chemistry

**Year 4, Semester 1**

LWB231 Introduction To Public Law  
 LWB236 Real Property A  
 LWB240 Principles Of Equity  
 LWB332 Commercial And Personal Property Law  
 LWB333 Theories Of Law

**Year 4, Semester 2**

LWB235 Australian Federal Constitutional Law  
 LWB237 Real Property B  
 LWB241 Trusts  
 LWB331 Administrative Law  
 LWB334 Corporate Law

**Year 5, Semester 1**

LWB431 Civil Procedure  
 LWB432 Evidence  
 LWB434 Advanced Research And Legal Reasoning  
 Elective Units \*

**Year 5, Semester 2**

LWB433 Professional Responsibility  
 Elective Units \*

**Course structure - Major in Ecology**
**Year 1, Semester 1**

Introduction to Legal Research #  
 LSB118 Life Science  
 LWB141 Legal Institutions And Method  
 LWB142 Law, Society And Justice  
 NRB100 Environmental Science  
 PCB101 Physical Science

**Year 1, Semester 2**

LSB238 Cell and Molecular Biology 1  
 LWB143 Legal Research And Writing  
 LWB144 Laws And Global Perspectives  
 MAB101 Statistical Data Analysis 1  
 NRB270 Animal and Plant Structure and Function

**Year 2, Semester 1**

LWB136 Contracts A  
 NRB311 Population Ecology  
 NRB312 Experimental Design  
 NRB370 Invertebrate Biology

**Year 2, Semester 2**

LWB137 Contracts B  
 NRB410 Genetics and Evolution  
 NRB411 Ecological Methods  
 NRB470 Vertebrate Biology

**Year 3, Semester 1**

LWB138 Fundamentals Of Torts  
 LWB238 Fundamentals Of Criminal Law  
 NRB510 Population Genetics  
 NRB511 Population Management

**Year 3, Semester 2**

LWB139 Select Issues In Torts  
 LWB239 Criminal Responsibility

NRB610 Ecological Applications

NRB611 Conservation Biology

**Year 4, Semester 1**

LWB231 Introduction To Public Law  
 LWB236 Real Property A  
 LWB240 Principles Of Equity  
 LWB332 Commercial And Personal Property Law  
 LWB333 Theories Of Law

**Year 4, Semester 2**

LWB235 Australian Federal Constitutional Law  
 LWB237 Real Property B  
 LWB241 Trusts  
 LWB331 Administrative Law  
 LWB334 Corporate Law

**Year 5, Semester 1**

LWB431 Civil Procedure  
 LWB432 Evidence  
 LWB434 Advanced Research And Legal Reasoning  
 Elective Units \*

**Year 5, Semester 2**

LWB433 Professional Responsibility  
 Elective Units \*

**Course structure - Major in Environmental Science**
**Year 1, Semester 1**

Introduction to Legal Research #  
 LSB118 Life Science  
 LWB141 Legal Institutions And Method  
 LWB142 Law, Society And Justice  
 NRB100 Environmental Science  
 PCB101 Physical Science

**Year 1, Semester 2**

LWB143 Legal Research And Writing  
 LWB144 Laws And Global Perspectives  
 MAB101 Statistical Data Analysis 1  
 NRB232 Environmental Geology  
 PCB142 Chemistry 1

**Year 2, Semester 1**

LWB136 Contracts A  
 NRB300 Environmental Monitoring  
 NRB633 Hydrogeology  
 One unit selected from:

NRB311 Population Ecology  
 NRB370 Invertebrate Biology  
 NRB371 Plant Biology

**Year 2, Semester 2**

LWB137 Contracts B  
 NRB400 Environmental Systems  
 NRB440 Environmental Chemistry  
 Elective Science Unit

**Year 3, Semester 1**

LWB138 Fundamentals Of Torts  
 LWB238 Fundamentals Of Criminal Law  
 NRB500 Environmental Modelling  
 NRB501 Mapping and Modelling of Natural Resource Data

**Year 3, Semester 2**

LWB139 Select Issues In Torts  
 LWB239 Criminal Responsibility  
 NRB600 Issues in Environmental Science  
 NRB672 Marine and Freshwater Ecosystems

**Year 4, Semester 1**

LWB231 Introduction To Public Law  
 LWB236 Real Property A  
 LWB240 Principles Of Equity  
 LWB332 Commercial And Personal Property Law  
 LWB333 Theories Of Law

**Year 4, Semester 2**

LWB235 Australian Federal Constitutional Law  
 LWB237 Real Property B  
 LWB241 Trusts  
 LWB331 Administrative Law  
 LWB334 Corporate Law

**Year 5, Semester 1**

LWB431 Civil Procedure  
 LWB432 Evidence  
 LWB434 Advanced Research And Legal Reasoning  
 Elective Units \*

**Year 5, Semester 2**

LWB433 Professional Responsibility

Elective Units \*

**Course structure - Major in Geology**
**Year 1, Semester 1**

	Introduction to Legal Research #
LWB141	Legal Institutions And Method
LWB142	Law, Society And Justice
MAB100	Mathematical Sciences 1A
NRB100	Environmental Science
PCB101	Physical Science

**Year 1, Semester 2**

LWB143	Legal Research And Writing
LWB144	Laws And Global Perspectives
MAB101	Statistical Data Analysis 1
NRB230	Planet Earth
PCB142	Chemistry 1

**Year 2, Semester 1**

LWB136	Contracts A
NRB331	Sedimentary Geology
NRB333	Mineralogy
NRB334	Mineral Deposits And Mine Geology

**Year 2, Semester 2**

LWB137	Contracts B
NRB434	Structural Geology and Field Methods
NRB436	Introduction to Igneous and Metamorphic Petrology

One unit from:

NRB435	Ore Genesis
NRB440	Environmental Chemistry

**Year 3, Semester 1**

LWB138	Fundamentals Of Torts
LWB238	Fundamentals Of Criminal Law
NRB533	Advanced Geological Mapping
NRB534	Geophysics
NRB536	Petrology and Geochemistry
Note:	The major component in assessment and teaching of NRB533 is conducted as a field program during July.

**Year 3, Semester 2**

LWB139	Select Issues In Torts
LWB239	Criminal Responsibility
	One unit from:
NRB630	Exploration Geology
NRB633	Hydrogeology
NRB635	Plate Tectonics and Advanced Structural Geology
NRB636	Stratigraphy and Basin Analysis

**Year 4, Semester 1**

LWB231	Introduction To Public Law
LWB236	Real Property A
LWB240	Principles Of Equity
LWB332	Commercial And Personal Property Law
LWB333	Theories Of Law

**Year 4, Semester 2**

LWB235	Australian Federal Constitutional Law
LWB237	Real Property B
LWB241	Trusts
LWB331	Administrative Law
LWB334	Corporate Law

**Year 5, Semester 1**

LWB431	Civil Procedure
LWB432	Evidence
LWB434	Advanced Research And Legal Reasoning
	Elective Units *

**Year 5, Semester 2**

LWB433	Professional Responsibility
	Elective Units *

**Course structure - Major in Mathematics [WITH Mathematics C from Senior]**
**Year 1, Semester 1**

	Introduction to Legal Research #
LWB141	Legal Institutions And Method
LWB142	Law, Society And Justice
MAB101	Statistical Data Analysis 1
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C

**Year 1, Semester 2**

LWB143	Legal Research And Writing
LWB144	Laws And Global Perspectives
MAB210	Statistical Modelling 1
MAB220	Computational Mathematics 1

Level 1 Science elective

**Year 2, Semester 1**

LWB136	Contracts A
	Three Level 2 Mathematics units - available units are:
MAB311	Advanced Calculus
MAB312	Linear Algebra
MAB313	Mathematics of Finance
MAB314	Statistical Modelling 2

**Year 2, Semester 2**

LWB137	Contracts B
	Three Level 2 Mathematics units - available units are:
MAB315	Operations Research 2
MAB413	Differential Equations
MAB414	Applied Statistics 2
MAB420	Computational Mathematics 2
MAB422	Mathematical Modelling
Note:	Students must complete at least one of MAB311, MAB312, MAB413

**Year 3, Semester 1**

LWB138	Fundamentals Of Torts
LWB238	Fundamentals Of Criminal Law
	Two Level 3 Mathematics units - available units are:
MAB521	Applied Mathematics 3
MAB522	Computational Mathematics 3
MAB523	Introduction to Quality Management
MAB524	Statistical Inference
MAB525	Operations Research 3A
MAB672	Advanced Mathematical Modelling

**Year 3, Semester 2**

LWB139	Select Issues In Torts
LWB239	Criminal Responsibility
	Two Level 3 Mathematics units - available units are:
MAB526	Statistical Science 3
MAB613	Partial Differential Equations
MAB621	Discrete Mathematics
MAB623	Financial Mathematics
MAB624	Applied Statistics 3
MAB625	Operations Research 3B

**Year 4, Semester 1**

LWB231	Introduction To Public Law
LWB236	Real Property A
LWB240	Principles Of Equity
LWB332	Commercial And Personal Property Law
LWB333	Theories Of Law

**Year 4, Semester 2**

LWB235	Australian Federal Constitutional Law
LWB237	Real Property B
LWB241	Trusts
LWB331	Administrative Law
LWB334	Corporate Law

**Year 5, Semester 1**

LWB431	Civil Procedure
LWB432	Evidence
LWB434	Advanced Research And Legal Reasoning
	Elective Units *

**Year 5, Semester 2**

LWB433	Professional Responsibility
	Elective Units *

**Course structure - Major in Mathematics [WITHOUT Mathematics C from Senior]**
**Year 1, Semester 1**

	Introduction to Legal Research #
LWB141	Legal Institutions And Method
LWB142	Law, Society And Justice
MAB100	Mathematical Sciences 1A
MAB101	Statistical Data Analysis 1

**Year 1, Semester 2**

LWB143	Legal Research And Writing
LWB144	Laws And Global Perspectives
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C
MAB210	Statistical Modelling 1

**Year 2, Semester 1**

LWB136	Contracts A
MAB220	Computational Mathematics 1
	Three Level 2 Mathematics units - available units are:
MAB311	Advanced Calculus
MAB312	Linear Algebra

MAB313 Mathematics of Finance  
 MAB314 Statistical Modelling 2  
**Year 2, Semester 2**  
 LWB137 Contracts B  
 Three Level 2 Mathematics units - available units are:  
 MAB315 Operations Research 2  
 MAB413 Differential Equations  
 MAB414 Applied Statistics 2  
 MAB420 Computational Mathematics 2  
 MAB422 Mathematical Modelling  
 Note: Students must complete at least one of MAB311, MAB312, MAB413

**Year 3, Semester 1**  
 LWB138 Fundamentals Of Torts  
 LWB238 Fundamentals Of Criminal Law  
 Two Level 3 Mathematics units - available units are:  
 MAB521 Applied Mathematics 3  
 MAB522 Computational Mathematics 3  
 MAB523 Introduction to Quality Management  
 MAB524 Statistical Inference  
 MAB525 Operations Research 3A  
 MAB672 Advanced Mathematical Modelling

**Year 3, Semester 2**  
 LWB139 Select Issues In Torts  
 LWB239 Criminal Responsibility  
 Two Level 3 Mathematics units - available units are:  
 MAB526 Statistical Science 3  
 MAB613 Partial Differential Equations  
 MAB621 Discrete Mathematics  
 MAB623 Financial Mathematics  
 MAB624 Applied Statistics 3  
 MAB625 Operations Research 3B

**Year 4, Semester 1**  
 LWB231 Introduction To Public Law  
 LWB236 Real Property A  
 LWB240 Principles Of Equity  
 LWB332 Commercial And Personal Property Law  
 LWB333 Theories Of Law

**Year 4, Semester 2**  
 LWB235 Australian Federal Constitutional Law  
 LWB237 Real Property B  
 LWB241 Trusts  
 LWB331 Administrative Law  
 LWB334 Corporate Law

**Year 5, Semester 1**  
 LWB431 Civil Procedure  
 LWB432 Evidence  
 LWB434 Advanced Research And Legal Reasoning  
 Elective Units \*

**Year 5, Semester 2**  
 LWB433 Professional Responsibility  
 Elective Units \*

### Course structure - Major in Microbiology

**Year 1, Semester 1**  
 Introduction to Legal Research #  
 LSB118 Life Science  
 LWB141 Legal Institutions And Method  
 LWB142 Law, Society And Justice  
 MAB101 Statistical Data Analysis 1  
 PCB101 Physical Science  
 Note: Students who have an SA or better in Senior Chemistry may replace PCB101 with PCB142 and in semester 2, replace PCB142 with PCB242.

**Year 1, Semester 2**  
 LSB238 Cell and Molecular Biology 1  
 LWB143 Legal Research And Writing  
 LWB144 Laws And Global Perspectives  
 NRB270 Animal and Plant Structure and Function  
 PCB142 Chemistry 1

**Year 2, Semester 1**  
 LSB308 Biochemistry  
 LSB328 Microbiology 1  
 LWB136 Contracts A  
 PCB242 Chemistry 2  
 Note: Students who have previously completed PCB242 may replace this unit with an elective

**Year 2, Semester 2**

LSB258 Human Anatomy and Physiology  
 LSB428 Microbiology 2  
 LWB137 Contracts B  
 Any LSB unit from Level 2  
**Year 3, Semester 1**  
 LWB138 Fundamentals Of Torts  
 LWB238 Fundamentals Of Criminal Law  
 Two Level 3 units from the following:  
 LSB528 Environmental Microbiology  
 LSB547 Bacterial Pathogenesis and Disease Diagnosis  
 LSB568 Electron Microscopy  
 LSB578 Virology

**Year 3, Semester 2**  
 LWB139 Select Issues In Torts  
 LWB239 Criminal Responsibility  
 Two Level 3 units from the following:  
 LSB628 Food Microbiology  
 LSB647 Clinical Mycology and Parasitology  
 LSB648 Molecular Microbiology

**Year 4, Semester 1**  
 LWB231 Introduction To Public Law  
 LWB236 Real Property A  
 LWB240 Principles Of Equity  
 LWB332 Commercial And Personal Property Law  
 LWB333 Theories Of Law

**Year 4, Semester 2**  
 LWB235 Australian Federal Constitutional Law  
 LWB237 Real Property B  
 LWB241 Trusts  
 LWB331 Administrative Law  
 LWB334 Corporate Law

**Year 5, Semester 1**  
 LWB431 Civil Procedure  
 LWB432 Evidence  
 LWB434 Advanced Research And Legal Reasoning  
 Elective Units \*

**Year 5, Semester 2**  
 LWB433 Professional Responsibility  
 Elective Units \*

### Course structure - Major in Physics

**Year 1, Semester 1**  
 Introduction to Legal Research #  
 LWB141 Legal Institutions And Method  
 LWB142 Law, Society And Justice  
 PCB101 Physical Science  
 PCB107 Physics and Quantitative Techniques  
 Either  
 MAB180 Engineering Mathematics 1  
 Or

MAB131 Engineering Mathematics 1A  
**Year 1, Semester 2**  
 LWB143 Legal Research And Writing  
 LWB144 Laws And Global Perspectives  
 MAB132 Engineering Mathematics 1B  
 PCB250 Physics 1  
 PCB260 Physics 1A

**Year 2, Semester 1**  
 LWB136 Contracts A  
 MAB134 Electrical Engineering Mathematics 3  
 PCB361 AC Theory and Electronics  
 PCB362 Physics 2

**Year 2, Semester 2**  
 LWB137 Contracts B  
 PCB460 Instrumentation and Computational Methods  
 PCB462 Thermodynamics and Solid State Physics  
 Science elective

**Year 3, Semester 1**  
 LWB138 Fundamentals Of Torts  
 LWB238 Fundamentals Of Criminal Law  
 PCB561 Quantum and Condensed Matter Physics  
 PCB562 Physical Methods of Analysis

**Year 3, Semester 2**  
 LWB139 Select Issues In Torts  
 LWB239 Criminal Responsibility  
 PCB661 Experimental Physics  
 PCB665 Physics 3

**Year 4, Semester 1**  
 LWB231 Introduction To Public Law



LWB236 Real Property A  
 LWB240 Principles Of Equity  
 LWB332 Commercial And Personal Property Law  
 LWB333 Theories Of Law

#### **Year 4, Semester 2**

LWB235 Australian Federal Constitutional Law  
 LWB237 Real Property B  
 LWB241 Trusts  
 LWB331 Administrative Law  
 LWB334 Corporate Law

#### **Year 5, Semester 1**

LWB431 Civil Procedure  
 LWB432 Evidence  
 LWB434 Advanced Research And Legal Reasoning  
 Elective Units \*

#### **Year 5, Semester 2**

LWB433 Professional Responsibility  
 Elective Units \*

#### **Footnotes for Law Units**

# Introduction to Legal Research is a two (2) hour lecture conducted in the first week only of Semester 1, 2003. It is designed to introduce students to the basics of legal research and provide an orientation to use of the Law Library. Students will be expected to undertake a library exercise in LWB141 Legal Institutions and Method using the skills and information outlined in this lecture.

\* Elective Units - In order to satisfy the requirements for the Bachelor of Laws component of the double degree, a student is required to complete a total of 48 credit points of elective units.

### **■ Bachelor of Arts/Bachelor of Applied Science (IF86)**

**Award title:** Bachelor of Arts/Bachelor of Applied Science (Study Area A)

**CRICOS code:** 031581F

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 4 Years

**Total credit points:** 384 (192 cp in Arts {Humanities} and 192 cp in Applied Science)

**Course coordinator:** Dr John Synott (Humanities); Dr Megan Hargreaves (Science)

#### **Professional Recognition**

As this double degree meets requirements for the award of the component degrees, the award is recognised by professional bodies in both Arts and Science. For graduates with approved study relevant professional bodies for the Bachelor of Applied Science degree are Australasian Association of Clinical Biochemists, Australasian Institute of Mining and Metallurgy, Australian Biotechnology Association, Australian Institute of Geoscientists, Australian Institute of Physics, Australian Mathematical Society, Australian Society for Biochemistry and Molecular Biology, Australian Society for Medical Research, Australian Society for Microbiology, Australian Society for Operations Research, Ecological Society of Australia, Geological Society of Australia, Royal Australian Chemical Institute, Statistical Society of Australia.

#### **Course Design**

A feature of the course design is the flexibility and choice it offers. Students can tailor their double degree to their career interests by combining any one of 10 majors that are available in the Bachelor of Applied Science degree with a specialisation chosen from a wide range of offerings in the humanities. Students can also integrate their program to study both science and humanities units in each semester, or choose to study only science subjects or only humanities subjects in a particular semester.

#### **BA Course Requirements - Commencing Students**

Students are required to complete:

- One Interdisciplinary Professional Major (1 core unit + 6 units in the major)

It is suggested that students complete the Core Units Program consisting of the following:

- Two core units in first semester (from a selection of core introductory and core skills units)  
(Note: one of the core introductory units will sit within the chosen Interdisciplinary Professional Major)
- Year Two: research methods unit. Students are advised to take at least two of these units.

In making these decisions, students should consider the structure of the Discipline Studies Sequences and/or Minors they may be planning to undertake. (see below)

#### **Course requirements - Continuing Students**

##### **Course Requirements for Bachelor of Arts**

YEARS 1 and 2

- Students are required to complete 8 units including:
- HHB116 Applied Skills and Scholarship
- Two Foundation Units (if students have not already completed two Faculty Foundation Units as part of the BA component of the student course)
- Two to three Course Foundation Units
- Two to three Elective Units

NB A minimum of 4 of these 8 units must be chosen from units in the BA component of the double degree ie HHB coded units).

YEARS 3 and 4

Students are required to do a further 8 units to complete:

- One Major Study Sequence from those offered in the BA component, and
- One Minor Study Sequence chosen from those offered in the BA component (ie HHB coded units) or from other Minor Study Sequences offered elsewhere within QUT.

NOTE: A minimum of 12 of the 16 units must be chosen from units in the BA.

#### **BA Course Requirements - Commencing Students (cont.)**

Students must maintain a minimum of 50% enrolment in units from the BA program until they have completed eight of these units (96 credit points)

Students may wish to

- develop a Minor (48 credit points) in one of the interdisciplinary professional areas
- develop a Minor (48 credit points) in a disciplinary study sequence or in another QUT course
- take a series of elective units

Students wishing to complete a full discipline studies sequence (6 units) will need to amend their core units program.

Students planning to complete a full Language sequence (6 units) will need to discuss their program with the relevant Course Coordinator in order to ensure that they begin their Language studies in first semester and that their language units can be continued into their third year.

NB: Students are required to complete 16 units in the BA component of the double degree. Of these 12 must be BA units ie HHB coded units.

#### **Interdisciplinary Professional Majors**

For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

#### **Discipline Sequences**

For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

#### **Minor Study Sequences**

For details, refer to the Co-Majors list in the Bachelor of Arts (HH01) entry in the Humanities and Human Services section as these co-majors are able to be taken as Minors.

**Example of Full-time Course Structure for Commencing Students****Year 1, Semester 1**

Core unit (major)  
Core unit (major)  
Two Science units (SC01 Level 1)

**Year 1, Semester 2**

Major unit  
Major unit  
Two Science units (SC01 Level 1)

**Year 2, Semester 1**

Core unit (major or skills)  
Core unit (major or skills)  
Two Science units (SC01 Levels 1 and 2)

**Year 2, Semester 2**

Major unit  
Minor unit  
Two Science Units (SC01 Levels 1 and 2)

**Year 3, Semester 1**

Major unit  
Core unit (research methods)  
Two Science units (SC01 Level 2)

**Year 3, Semester 2**

Minor unit  
Core unit (research methods)  
Two Science units (SC01 Level 3)

**Year 4, Semester 1**

Major unit  
Minor unit  
Two Science units (SC01 Level 3)

**Year 4, Semester 2**

Major unit  
Minor unit  
Two Science units (SC01 Level 3)

**Core Program - BA Students**

This core program for the degree consists of the following selection of units:

**First Year Core: Core Units for Professional Majors**

International And Global Studies  
HHB110 Introduction To International And Global Studies  
HHB107 World Regions  
Society And Change  
HHB105 Interpreting Change  
HHB104 Understanding Society: Introduction to Sociology  
Ethics And Human Rights  
HHB114 Introduction To Human Rights And Ethics  
HHB115 Human Identity And Change  
Community Studies  
HHB106 Australian Society And Culture  
HHB103 Contemporary Social And Community Issues

**First Year Core: Skills Units**

HHB116 Applied Skills And Scholarship  
HHB117 Introduction To Social Research Methods

**Second Year Core: Research Methods**

HHB224 Qualitative Research Methods  
HHB232 Survey Methods  
HHB121 Interpreting The Past  
HHB312 Geographical Research Design

**Science Unit Information - SC01 Lists A and B, and Levels 1, 2 and 3**

See Bachelor of Applied Science/Bachelor of Business (IF61) for details.

**■ Bachelor of Arts/Bachelor of Business (Accountancy, Banking and Finance, Economics or Marketing) (IF30)**

**Award title:** Bachelor of Arts/Bachelor of Business (Study Area A)

**CRICOS code:** 027275F

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 4.5 Years (9 semesters) full-time

**Total credit points:** 432 (192 cp in Arts and 240 cp in Business)

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr John Synott (Humanities and Human Services); Mr Andrew Paltridge (Business)

**Other Majors**

See also the separate entry for the following majors in this course: Bachelor of Arts/Bachelor of Business (Advertising, Electronic Business, Human Resource Management, International Business, Management, or Public Relations).

**Professional Membership**

Depending on the choice of major, extended major or elective units, graduates may be eligible for membership of:

- Accountancy: CPA Australia, Institute of Chartered Accountants in Australia (ICAA).
- Banking and Finance: Australasian Institute of Banking and Finance (AIBF).
- Economics: Economic Society of Australia (Queensland Division).
- Marketing: Australian Marketing Institute, Market Research Society of Australia, Australian Institute of Management, Australasian Institute of Export, American Marketing Association.

**Course Design**

Students are required to complete 432 credit points comprised of 192 credit points from the Bachelor of Arts (Humanities) program and 240 credit points from the Bachelor of Business program. Students supplement the Arts component of this program with the 96 credit point faculty core units in the Bachelor of Business program together with a 72 point credit point major, and a further 72 credit points in which the student must complete one of the following: double major, extended major or specialisation. Business majors available are: Accountancy, Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing and Public Relations.

**BA Course Requirements - Continuing Students****YEARS 1 AND 2**

Students are required to complete 8 units including:

- HUB000 (now HHB116)
- Two Foundation Units (if you have not already completed two Faculty Foundation Units as part of the BA component of your course see List A)
- Two to three Course Foundation Units (see List B)
- Two to three Elective Units (see List C)

NB A minimum of 4 of these 8 units must be chosen from units in the BA component of the double degree ie HHB coded units.

**YEARS 3 AND 4**

Students are required to do a further 8 units to complete:

- One Major Study Sequence from those offered in the BA component and
- One Minor Study Sequence chosen from those offered in the BA component (ie HHB coded units) or from other Minor Study Sequences offered elsewhere within QUT.

NOTES: A minimum of 12 of the 16 units must be chosen from units in the BA.

**BA Course Requirements - Commencing Students****BA Course Requirements (Years 1-4)**

Students are required to complete:

- One Interdisciplinary Professional Major (1 core unit + 6 units in the major)

It is suggested that they complete the Core Units Program consisting of the following:

- Two core units in first semester (from a selection of core introductory and core skills units)

(Note: one of the core introductory units will sit within the chosen Interdisciplinary Professional Major.

- Year 2: research methods unit. Students are advised to take at least two of these units.

- Year 3: Workplace Internship (24 credit points)

In making these decisions, students should consider the structure of the Discipline Studies Sequences and/or Minors they may be planning to undertake.

### BA Course Requirements - Commencing Students (cont.)

Students must maintain a minimum of 50% enrolment in units from the BA program until they have completed eight of these units (96 credit points).

Students may wish to:

- develop a Minor (48 credit points) in one of the interdisciplinary professional areas
- develop a Minor (48 credit points) in a disciplinary study sequence or in another QUT course
- take a series of elective units.

Students wishing to complete a full discipline studies sequence (6 units) will need to amend their core units program.

Students planning to complete a full Language sequence (6 units) will need to discuss their program with the relevant Course Coordinator in order to ensure that they begin their Language studies in first semester and that their language units can be continued into their third year.

Students wishing to complete the Workplace Internship will need to discuss their program with the relevant Course Coordinator in order to ensure that the Internship can be located in their third year.

NB: Students are required to complete 16 units in the BA component of the double degree. Of these 12 must be BA units ie HHB coded units.

### Interdisciplinary Professional Majors

For details, refer to the Bachelor of Arts (HH01).

### Discipline Sequences

For details, refer to the Bachelor of Arts (HH01).

### Minor Sequences

For details, refer to the Co-Majors entry in the Bachelor of Arts (HH01) entry as any of these are available to be taken as Minors.

### Key Terms - BA

Professional Major - one of four interdisciplinary study sequences in the BA degree (International and Global Studies, Society and Change, Ethics and Human Rights, Community Studies), consisting of one core unit plus six further units from the appropriate list (making a total of 84 credit points). Students must complete at least one of these to fulfil the requirements of the degree. NB - a unit may not be counted in more than one professional major, discipline sequence or minor.

Discipline Sequence - a set of six units (72 credit points) in a given discipline (Geography, History, Languages, Social Science). In Languages, this consists of six sequenced units in one Language. In other disciplines the six units must include one introductory unit to the discipline.

Minor Study Sequence - a study sequence of any four units (48 credit points) in a given subject area. NB - a unit may not be counted in more than one minor.

Elective Units - units selected by students to fit into their study program.

### Example of full-time Course structure

#### Year 1, Semester 1

Core Unit (Major)  
 HHB116 Applied Skills And Scholarship  
 Business Unit  
 Business Unit

#### Year 1, Semester 2

Major unit  
 Major Unit  
 Business Unit

Business Unit

#### Year 2, Semester 1

Core unit (major or skills)  
 Core unit (major or skills)  
 Business Unit  
 Business Unit

#### Year 2, Semester 2

Major unit  
 Minor unit  
 Business Unit  
 Business Unit

#### Year 3, Semester 1

Major unit  
 Core unit (research methods)  
 Business Unit  
 Business Unit

#### Year 3, Semester 2

Minor Unit  
 Core unit (research methods)  
 Business Unit  
 Business Unit

#### Year 4, Semester 1

Major unit  
 Minor unit  
 Business Unit  
 Business Unit

#### Year 4, Semester 2

Major unit  
 Minor unit  
 Business Unit  
 Business Unit

#### Year 5, Semester 1

Business Unit  
 Business Unit  
 Business Unit  
 Business Unit

### Key Terms - BA

For details of key terms used in the BA, refer to the Bachelor of Arts (Humanities)

HU22 course entry in the Humanities and Human Services section.

### Arts Major/Minor Sequences

For details of foundation units, and major and minor sequences (Lists A, B and C), refer to the Bachelor of Arts (Humanities)(HH01) course entry in the Humanities and Human Services section.

### Course structure- Accountancy (For students not seeking professional recognition)

#### Year 1, Semester 1

BSB110 Accounting  
 BSB113 Economics

#### Year 1, Semester 2

AYB121 Financial Accounting  
 BSB122 Business Information Analysis and Communication

#### Year 2, Semester 1

BSB111 Business Law And Ethics  
 BSB115 Management, People And Organisations

#### Year 2, Semester 2

BSB119 International and Electronic Business  
 BSB126 Marketing

#### Year 3, Semester 1

EFB101 Data Analysis For Business  
 Double Major/Specialisation Unit

#### Year 3, Semester 2

AYB221 Computerised Accounting Systems  
 Double Major/Specialisation Unit

#### Year 4, Semester 1

AYB220 Company Accounting  
 Double Major/Specialisation Unit

#### Year 4, Semester 2

AYB225 Management Accounting  
 Double Major /Specialisation Unit

#### Year 5, Semester 1

AYB301 Auditing  
 BSB114 Government, Business And Society  
 Double Major/Specialisation Unit  
 Double Major/Specialisation Unit

**Course structure- Accountancy (For students seeking professional recognition)****Year 1, Semester 1**

BSB110 Accounting  
BSB113 Economics

**Year 1, Semester 2**

AYB121 Financial Accounting  
BSB122 Business Information Analysis and Communication

**Year 2, Semester 1**

BSB111 Business Law And Ethics  
BSB115 Management, People And Organisations

**Year 2, Semester 2**

BSB119 International and Electronic Business  
BSB126 Marketing

**Year 3, Semester 1**

BSB114 Government, Business And Society  
EFB101 Data Analysis For Business

**Year 3, Semester 2**

AYB221 Computerised Accounting Systems  
AYB223 Law Of Business Associations

**Year 4, Semester 1**

AYB220 Company Accounting  
EFB210 Finance 1

**Year 4, Semester 2**

AYB225 Management Accounting  
AYB311 Financial Accounting Issues

**Year 5, Semester 1**

AYB301 Auditing  
AYB321 Strategic Management Accounting  
AYB325 Taxation Law  
EFB102 Economics 2

**Course structure - Banking and Finance****Year 1 Semester 1**

BSB113 Economics  
BSB122 Business Information Analysis and Communication

**Year 1 Semester 2**

BSB115 Management, People And Organisations  
EFB102 Economics 2

**Year 2 Semester 1**

BSB114 Government, Business And Society  
EFB101 Data Analysis For Business

**Year 2 Semester 2**

BSB110 Accounting  
BSB126 Marketing

**Year 3 Semester 1**

BSB119 International and Electronic Business  
EFB210 Finance 1

**Year 3 Semester 2**

EFB307 Finance 2  
Double Major/Extended Major/Specialisation Unit

**Year 4 Semester 1**

EFB201 Financial Markets  
Double Major/Extended Major/Specialisation Unit

**Year 4 Semester 2**

EFB312 International Finance And Economics  
Double Major/Extended Major/Specialisation Unit

**Year 5 Semester 1**

BSB111 Business Law And Ethics  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

**Course structure - Economics****Year 1 Semester 1**

BSB113 Economics  
BSB122 Business Information Analysis and Communication

**Year 1 Semester 2**

BSB115 Management, People And Organisations  
EFB102 Economics 2

**Year 2 Semester 1**

BSB126 Marketing  
EFB101 Data Analysis For Business

**Year 2 Semester 2**

BSB110 Accounting  
BSB114 Government, Business And Society

**Year 3 Semester 1**

EFB202 Business Cycles And Economic Growth  
EFB211 Firms, Markets And Resources

**Year 3 Semester 2**

EFB314 International Trade And Economic Competitiveness  
Double Major/Extended Major/Specialisation Unit

**Year 4 Semester 1**

BSB119 International and Electronic Business  
Double Major/Extended Major/Specialisation Unit

**Year 4 Semester 2**

EFB323 Financial And Monetary Economics  
Double Major/Extended Major/Specialisation Unit

**Year 5 Semester 1**

BSB111 Business Law And Ethics  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

**Course structure - Marketing****Year 1, Semester 1**

BSB122 Business Information Analysis and Communication  
BSB126 Marketing

**Year 1, Semester 2**

AMB200 Consumer Behaviour  
AMB240 Marketing Planning And Management

**Year 2, Semester 1**

AMB201 Market And Audience Research  
BSB119 International and Electronic Business

**Year 2, Semester 2**

AMB241 E-Marketing Strategies  
Double Major/Extended Major/Specialisation

**Year 3, Semester 1**

BSB113 Economics  
Double Major/Extended Major/Specialisation

**Year 3, Semester 2**

BSB110 Accounting  
Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 1**

AMB340 Services Marketing  
Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 2**

AMB341 Strategic Marketing  
Double Major/Extended Major/Specialisation Unit

**Year 5, Semester 1**

BSB111 Business Law And Ethics  
BSB114 Government, Business And Society  
BSB115 Management, People And Organisations  
Double Major/Extended Major/Specialisation Unit

**Core Program - BA Students**

This core program for the degree consists of the following selection of units:

First Year Core: Core Units for Professional Majors

INTERNATIONAL AND GLOBAL STUDIES  
HHB110 Introduction To International And Global Studies  
HHB107 World Regions  
SOCIETY AND CHANGE

HHB105 Interpreting Change  
HHB104 Understanding Society: Introduction to Sociology  
ETHICS AND HUMAN RIGHTS

HHB114 Introduction To Human Rights And Ethics  
HHB115 Human Identity And Change  
COMMUNITY STUDIES

HHB106 Australian Society And Culture  
HHB103 Contemporary Social And Community Issues

First Year Core: Skills Units

HHB116 Applied Skills And Scholarship  
HHB117 Introduction To Social Research Methods

Second Year Core: Research Methods

HHB224 Qualitative Research Methods  
HHB232 Survey Methods

HHB121 Interpreting The Past  
HHB312 Geographical Research Design

## ■ Bachelor of Arts/Bachelor of Business (Advertising, Electronic Business, Human Resource Management, International Business, Management or Public Relations) (IF30)

**Award title:** Bachelor of Arts/Bachelor of Business (Study Area A)

**CRICOS code:** 037539D

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 4.5 Years

**Total credit points:** 432 (192 cp in Arts and 240 cp in Business)

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Mr Andrew Paltridge (Business); Dr John Synott (Humanities and Social Science)

### Other Majors

See also the separate entry for the following majors in this course: Bachelor of Arts/Bachelor of Business (Accountancy, Banking and Finance, Economics, or Marketing).

### Professional Membership

Depending on the choice of major, extended major or specialisation, graduates may be eligible for membership of:

- Advertising - Advertising Federation of Australia, the Australian Association of National Advertisers and the Australian Direct Marketing Association.
- HRM - Australian Human Resources Institute, Australian Institute of Training and Development, Australian Institute of Management.
- International Business - Economic Society of Australia, Australasian Institute of Export.
- Management - Australian Institute of Management. Public Relations - Public Relations Institute of Australia.

### Example of full-time Course structure

#### Year 1, Semester 1

Core Unit (Major)  
HHB116 Applied Skills And Scholarship  
Business Unit  
Business Unit

#### Year 1, Semester 2

Major unit  
Major Unit  
Business Unit  
Business Unit

#### Year 2, Semester 1

Core unit (major or skills)  
Core unit (major or skills)  
Business Unit  
Business Unit

#### Year 2, Semester 2

Major unit  
Minor unit  
Business Unit  
Business Unit

#### Year 3, Semester 1

Major unit  
Core unit (research methods)  
Business Unit  
Business Unit

#### Year 3, Semester 2

Minor Unit  
Core unit (research methods)  
Business Unit  
Business Unit

#### Year 4, Semester 1

Major unit  
Minor unit  
Business Unit  
Business Unit

#### Year 4, Semester 2

Major unit  
Minor unit  
Business Unit

Business Unit

#### Year 5, Semester 1

Business Unit  
Business Unit  
Business Unit  
Business Unit

### Key Terms - BA

For details of key terms used in the BA, refer to the Bachelor of Arts (Humanities)

HU22 course entry in the Humanities and Human Services section.

### Arts Major/Minor Sequences

For details of foundation units, and major and minor sequences (Lists A, B and C), refer to the Bachelor of Arts (Humanities)(HH01) course entry in the Humanities and Human Services section.

### Course structure - Advertising

#### Year 1, Semester 1

BSB122 Business Information Analysis And Communication  
BSB126 Marketing

#### Year 1, Semester 2

AMB200 Consumer Behaviour  
AMB220 Advertising Theory And Practice

#### Year 2, Semester 1

AMB222 Media Planning  
BSB119 International And Electronic Business

#### Year 2, Semester 2

AMB221 Advertising Copywriting  
Double Major/Extended Major/Specialisation Unit

#### Year 3, Semester 1

BSB115 Management, People And Organisations  
Double Major/Extended Major/Specialisation Unit

#### Year 3, Semester 2

BSB114 Government, Business And Society  
Double Major/Extended Major/Specialisation Unit

#### Year 4, Semester 1

AMB320 Advertising Management  
Double Major/Extended Major/Specialisation Unit

#### Year 4, Semester 2

AMB321 Advertising Campaigns  
Double Major/Extended Major/Specialisation Unit

#### Year 5, Semester 1

BSB110 Accounting  
BSB111 Business Law And Ethics  
BSB113 Economics  
Double Major/Extended Major/Specialisation Unit

### Course structure - Human Resource Management

#### Year 1, Semester 1

BSB115 Management, People And Organisations  
BSB122 Business Information Analysis And Communication

#### Year 1, Semester 2

BSB126 Marketing  
MGB220 Management Research Methods

#### Year 2, Semester 1

BSB114 Government, Business And Society  
BSB119 International And Electronic Business

#### Year 2, Semester 2

MGB207 Human Resource Issues And Strategy  
MGB211 Organisational Behaviour

#### Year 3, Semester 1

BSB110 Accounting  
MGB222 Managing Organisations

#### Year 3, Semester 2

MGB314 Organisational Consulting And Change  
Double Major/Extended Major/Specialisation Unit

#### Year 4, Semester 1

BSB113 Economics  
Double Major/Extended Major/Specialisation Unit

#### Year 4, Semester 2

Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

#### Year 5, Semester 1

BSB111 Business Law And Ethics  
MGB309 Strategic Management  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

**Course structure - International Business (with a language specialisation)**

Students undertake one language area only and may study French, German, Indonesian or Japanese, or seek approval to undertake a different language at another tertiary institution. Mandarin is offered only as intensive 24 credit point unit in Summer school mode, followed by in-country experience.

Students undertaking a language specialisation must complete a minimum of four language units, plus IBB205 Cross-Cultural Communication and Negotiation and an International Business Unit or two additional language units. The School of Humanities and Human Services offers language units at QUT.

**Year 1, Semester 1**

BSB119 International And Electronic Business  
Language 1

**Year 1, Semester 2**

BSB115 Management, People And Organisations  
Language 2

**Year 2, Semester 1**

BSB113 Economics  
Language 3

**Year 2, Semester 2**

IBB211 Globalisation And Business  
Language 4

**Year 3, Semester 1**

BSB122 Business Information Analysis And Communication  
Language 5  
OR

IBB205 Cross-Cultural Communication And Negotiation

**Year 3, Semester 2**

IBB202 Business And The World Economy  
Language 6  
OR  
International Business Elective Unit (IBB2xx, IBB3xx)

**Year 4, Semester 1**

BSB114 Government, Business And Society  
Area Study 1

**Year 4, Semester 2**

BSB126 Marketing  
Area Study 2

**Year 5, Semester 1**

BSB110 Accounting  
BSB111 Business Law And Ethics  
IBB210 Export Management  
IBB300 International Business Strategy

**Area Study Units**

Students must complete one of the following pairs of area study units:

IBB217 Asian Business Development  
IBB317 Contemporary Business In Asia  
OR  
IBB208 European Business Development  
IBB308 Contemporary Business In Europe

**Course structure - International Business (without a language specialisation)****Year 1, Semester 1**

BSB113 Economics  
BSB119 International And Electronic Business

**Year 1, Semester 2**

BSB115 Management, People And Organisations  
BSB126 Marketing

**Year 2, Semester 1**

BSB122 Business Information Analysis And Communication  
IBB211 Globalisation And Business

**Year 2, Semester 2**

BSB110 Accounting  
IBB202 Business And The World Economy

**Year 3, Semester 1**

IBB210 Export Management  
Area Study 1

**Year 3, Semester 2**

BSB114 Government, Business And Society  
Area Study 2

**Year 4, Semester 1**

Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 2**

IBB300 International Business Strategy

Double Major/Extended Major/Specialisation Unit

**Year 5, Semester 1**

BSB111 Business Law And Ethics  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

**Area Study Units**

Students must complete one of the following pairs of area study units:

IBB217 Asian Business Development  
IBB317 Contemporary Business In Asia  
OR  
IBB208 European Business Development  
IBB308 Contemporary Business In Europe

**Course structure - Management****Year 1, Semester 1**

BSB115 Management, People And Organisations  
BSB122 Business Information Analysis And Communication

**Year 1, Semester 2**

BSB126 Marketing  
MGB220 Management Research Methods

**Year 2, Semester 1**

BSB114 Government, Business And Society  
BSB119 International And Electronic Business

**Year 2, Semester 2**

MGB211 Organisational Behaviour  
MGB222 Managing Organisations

**Year 3, Semester 1**

BSB110 Accounting  
MGB210 Production And Service Management

**Year 3, Semester 2**

Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 1**

BSB113 Economics  
MGB334 Managing In A Changing Environment

**Year 4, Semester 2**

MGB309 Strategic Management  
Double Major/Extended Major/Specialisation Unit

**Year 5, Semester 1**

BSB111 Business Law And Ethics  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

**Course structure - Public Relations****Year 1, Semester 1**

BSB122 Business Information Analysis And Communication  
BSB126 Marketing

**Year 1, Semester 2**

AMB260 Public Relations Theory And Practice  
BSB119 International And Electronic Business

**Year 2, Semester 1**

AMB201 Market And Audience Research  
AMB261 Media Relations And Publicity

**Year 2, Semester 2**

AMB262 Public Relations Writing  
Double Major/Extended Major/Specialisation Unit

**Year 3, Semester 1**

BSB115 Management, People And Organisations  
Double Major/Extended Major/Specialisation Unit

**Year 3, Semester 2**

BSB110 Accounting  
Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 1**

AMB360 Corporate Communication Management  
Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 2**

AMB361 Public Relations Campaigns  
Double Major/Extended Major/Specialisation Unit

**Year 5, Semester 1**

BSB111 Business Law And Ethics  
BSB113 Economics  
BSB114 Government, Business And Society  
Double Major/Extended Major/Specialisation Unit

**Core Program - BA Students**

This core program for the degree consists of the following selection of units:

**First Year Core: Core Units for Professional Majors**

INTERNATIONAL AND GLOBAL STUDIES

HHB110 Introduction To International And Global Studies

HHB107 World Regions

SOCIETY AND CHANGE

HHB105 Interpreting Change

HHB104 Understanding Society: Introduction to Sociology

ETHICS AND HUMAN RIGHTS

HHB114 Introduction To Human Rights And Ethics

HHB115 Human Identity And Change

COMMUNITY STUDIES

HHB106 Australian Society And Culture

HHB103 Contemporary Social And Community Issues

**First Year Core: Skills Units**

HHB116 Applied Skills And Scholarship

HHB117 Introduction To Social Research Methods

**Second Year Core: Research Methods**

HHB224 Qualitative Research Methods

HHB232 Survey Methods

HHB121 Interpreting The Past

HHB312 Geographical Research Design

## ■ Bachelor of Arts/Bachelor of Education (Early Childhood) (IF81)

**Award title:** Bachelor of Arts/Bachelor of Education

**CRICOS code:** 020316C

**Location:** Gardens Point, Kelvin Grove and Carseldine

**Course duration (full-time):** 4 Years

**Total credit points:** 384 (192 in the BA; 192 in the B Ed)

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr I. Childs (Arts); Dr G. Tait (Education)

**Course Structure - Continuing Students**

BA Course Structure and Requirements

Students are required to complete at least one of the four interdisciplinary professional majors (1 core introductory unit plus 6 units in the major):

- International and Global Studies
- Society and Change
- Ethics and Human Rights
- Community Studies

It is recommended that students take HHB116 Applied Skills and Scholarship in their first year.

Students are required to maintain a minimum fifty percent enrolment in units from the BA program until they have completed eight of those units.

In their remaining units, students may:

- develop a Major or Minor (48 credit points) in another of the interdisciplinary professional areas;
- develop a Major or Minor (48 credit points) in a disciplinary major or in another QUT course;
- develop of Minor (48 credit points) in Foundation units for Early Childhood;
- take a series of elective units.

Students are required to complete 16 units in the BA component of the double degree. Of these, 12 must be BA units (ie HHB coded units).

**Course Structure - Commencing Students**

BA Course Requirements (Years 1 and 2)

Students are REQUIRED to complete:

- One Interdisciplinary Professional Major (1 core introductory unit + 6 units in the major)

It is SUGGESTED that they complete the Core Units Program consisting of the following:

- Four core units in first semester (from a selection of core introductory units and core skills units)

(Note: one of the core introductory units will sit within the chosen Interdisciplinary Professional Major)

- Two core units in second year (2 research methods units)

**Course Structure - Commencing Students (cont.)**

Students planning to complete a full language sequence (6 units) will need to discuss their program with the relevant Course Coordinator to ensure that their language studies begin in semester one and continue into their third year.

Students wishing to complete a Workplace Internship will need to discuss their program with the relevant Course Coordinator in order to ensure that the Internship can be located in their third year.

NB Students are required to complete 16 units in the BA component of the double degree. Of these 12 must be BA units ie HHB coded units.

**Key Terms in the BA - Commencing Students**

**Professional Major** - one of four interdisciplinary study sequences in the BA degree (International & Global Studies, Society and Change, Ethics and Human Rights, Community Studies), consisting of one core unit plus six further units from the appropriate list (making a total of 84 credit points). Students must complete at least one of these to fulfil the requirements of the degree.

**NB** - a unit may not be counted in more than one professional major, discipline sequence, or Minor.

**Discipline Sequence** - a set of six units (72 credit points) in a given discipline (Geography, History, Languages, Social Science). In Languages, this consists of six sequenced units in one Language. In other disciplines the six units must include one introductory unit to the discipline.

**Minor Study Sequence** - a study sequence of any four units (48 credit points) in a given subject area.

**Interdisciplinary Professional Majors**

For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

**Discipline Sequences**

For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

**Minor Study Sequences**

For details, refer to the Co-Majors listed in the Bachelor of Arts (HH01) entry in the Humanities and Human Services section as any of these are able to be taken as Minors.

**Example of BA Full-time Course Structure - Continuing Students****Year 1 - Semester 1**

Introductory Core unit (Major)

Introductory Core unit (2nd Major or Minor)

HHB116 Applied Skills And Scholarship

Elective Unit (General)

**Year 1, Semester 2**

Elective Unit (Major)

Elective Unit (Major)

Elective Unit (Minor or 2nd Major)

Elective Unit (General)

**Year 2, Semester 1**

Elective Unit (Major)

Elective Unit (Major)

Elective Unit (Minor or 2nd Major)

Elective Unit (General)

**Year 2, Semester 2**

Elective Unit (Major)

Elective Unit (Major)

Elective Unit (Minor or 2nd Major)

Elective Unit (General)

**Major/Minor Study Sequences**

See Note 1

### Lists A, B and C

For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

### Part-time Students

See Note 2

## Core Program - Commencing Students

The core program for the degree consists of the following selection of units:

### First Year Core: Core Units for Professional Majors

	INTERNATIONAL AND GLOBAL STUDIES
HHB110	Introduction To International And Global Studies
HHB107	World Regions
	SOCIETY AND CHANGE
HHB105	Interpreting Change
HHB104	Understanding Society: Introduction to Sociology
	ETHICS AND HUMAN RIGHTS
HHB114	Introduction To Human Rights And Ethics
HHB115	Human Identity And Change
	COMMUNITY STUDIES
HHB106	Australian Society And Culture
HHB103	Contemporary Social And Community Issues

### First Year Core: Skills Units

HHB116	Applied Skills And Scholarship
HHB117	Introduction To Social Research Methods

### Second Year Core: Research Methods Units

HHB224	Qualitative Research Methods
HHB232	Survey Methods
HHB121	Interpreting The Past
HHB312	Geographical Research Design

## Education Component

### Year 3, Semester 1

EDB001	Teaching and Learning Studies 1: Teaching in New Times
EAB442	Motor And Social Development In Early Childhood
EAB347	Early Childhood Curriculum: Early Mathematical Explorations
EDB422	Early Childhood Professional Practice: Preschool/kindergarten

### Year 3, Semester 2

SPB001	Human Development And Education
EAB345	Early Childhood Curriculum: Language Education
EAB443	Cognition And Language In Early Childhood
EDB421	Early Childhood Professional Practice: Lower Primary

### Year 4, Semester 1

SPB002	Psychology Of Learning And Teaching
EAB348	Early Childhood Curriculum: Arts
EDB420	Early Childhood Professional Practice: Child Care
EAB413	Management Of Early Childhood Services

### Year 4, Semester 2

CLB306	Understanding Educational Practices
EAB444	Inclusive Practices In Early Childhood
EDB423	Early Childhood Professional Practice: Choice
EAB346	Early Childhood Curriculum: Science, Society And The Environment

## ■ Bachelor of Arts/Bachelor of Education (Early Childhood) (IX11)

**Award title:** Bachelor of Arts/Bachelor of Education

**Location:** Gardens Point, Kelvin Grove and Carseldine

**Course duration (full-time):** 4 years

**Total credit points:** 384 (192 in the BA; 192 in the B Ed)

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr I. Childs (Arts); Dr G. Tait (Education)

### Course Structure - Commencing Students

BA Course Requirements (Years 1 and 2)

Students are REQUIRED to complete:

- One Interdisciplinary Professional Major (1 core introductory unit + 6 units in the major)

It is SUGGESTED that they complete the Core Units Program consisting of the following:

- Four core units in first semester (from a selection of core introductory units and core skills units)

(Note: one of the core introductory units will sit within the chosen Interdisciplinary Professional Major)

NB One of core introductory units will sit within the chosen Interdisciplinary Major.

### Course Structure - Commencing Students (cont.)

Students must maintain a 50% enrolment in units from the BA program until they have completed 8 of those units (96 credit points).

Students may wish to

- develop a Minor (48 credit points) in one of the interdisciplinary professional areas
- develop a Minor (48 credit points) in Foundation units for Early Childhood
- develop a Minor (48 credit points) in a disciplinary study sequence or in another QUT course
- take a series of elective units

Students wishing to complete a full discipline studies sequence (6 units) will need to amend their core units program.

Students planning to complete a full language sequence (6 units) will need to discuss their program with the relevant

Course Coordinator to ensure that their language studies begin in semester 1.

NB Students are required to complete 16 units in the BA component of the double degree. Of these 12 must be BA units ie HHB coded units.

### Key Terms in the BA - Commencing Students

Professional Major - one of four interdisciplinary study sequences in the BA degree (International & Global Studies, Society and Change, Ethics and Human Rights, Community Studies), consisting of one core unit plus six further units from the appropriate list (making a total of 84 credit points). Students must complete at least one of these to fulfil the requirements of the degree.

NB - a unit may not be counted in more than one professional major, discipline sequence, or Minor.

Discipline Sequence - a set of six units (72 credit points) in a given discipline (Geography, History, Languages, Social Science). In Languages, this consists of six sequenced units in one Language. In other disciplines the six units must include one introductory unit to the discipline.

Minor Study Sequence - a study sequence of any four units (48 credit points) in a given subject area.

### Interdisciplinary Professional Majors

For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

### Discipline Sequences

For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

### Minor Study Sequences

For details, refer to the Co-Majors listed in the Bachelor of Arts (HH01) entry in the Humanities and Human Services section as any of these are able to be taken as Minors.

### Example of BA Full-time Course Structure - Commencing Students

#### Year 1, Semester 1

Introductory Core Unit (Major)  
1st Year Core Skills Unit (HHB116)  
Introductory Core Unit (2nd Major or Minor)  
Elective Unit (General)

#### Year 1, Semester 2

Elective Unit (Major)  
Elective Unit (Major)



Elective Unit (2nd Major or Minor)  
Elective Unit (General)

**Year 2, Semester 1**

Elective Unit (Major)  
Elective Unit (Major)  
Elective Unit (2nd Major or Minor)  
Elective Unit (General)

**Year 2, Semester 2**

Elective Unit (Major)  
Elective Unit (Major)  
Elective Unit (2nd Major or Minor)  
Elective Unit (General)

**Core Program - Commencing Students**

The core program for the degree consists of the following selection of units:

**First Year Core: Core Units for Professional Majors**

INTERNATIONAL AND GLOBAL STUDIES

HHB110 Introduction To International And Global Studies

HHB107 World Regions

SOCIETY AND CHANGE

HHB105 Interpreting Change

HHB104 Understanding Society: Introduction to Sociology

ETHICS AND HUMAN RIGHTS

HHB114 Introduction To Human Rights And Ethics

HHB115 Human Identity And Change

COMMUNITY STUDIES

HHB106 Australian Society And Culture

HHB103 Contemporary Social And Community Issues

**First Year Core: Skills Units**

HHB116 Applied Skills And Scholarship

HHB117 Introduction To Social Research Methods

**Second Year Core: Research Methods Units**

HHB224 Qualitative Research Methods

HHB232 Survey Methods

HHB121 Interpreting The Past

HHB312 Geographical Research Design

**Education Component**

**Year 3, Semester 1**

EAB004 Development and Learning in Early Childhood 2

EAB011 Early Childhood Field Studies I: Development and Learning in the Field

EAB008 Early Childhood Language and Literacies and Communication 1

EAB003 Development and Learning in Early Childhood 1

**Year 3, Semester 2**

EAB003 Teaching & Learning Studies III: Practising Education

EAB012 Early Childhood Field Studies II: Practising Education in the Field

EAB011 Early Childhood Curriculum: Arts 1

EAB013 Early Childhood SOSE and Health

**Year 4, Semester 1**

EAB005 Inclusion in Early Childhood Settings

EAB013 Early Childhood Field Studies III: Immersion in Inclusive Educational Practices

EAB006 Leadership and Management in Early Childhood Services  
And one of

EAB015 Early Childhood Mathematics, Science & Technology  
Education II

EAB009 Early Childhood Language Literacies and Communication II

EAB012 Early Childhood Arts II

**Year 4, Semester 2**

EAB007 Working as an Early Childhood Professional with Children and Families

EAB014 Early Childhood Field Studies IV: Professional Work of Teachers: Induction into the Field

EAB015 Internship (Early Childhood)

EAB017 Integrated Early Childhood Curriculum

**■ Bachelor of Arts/Bachelor of Education (Primary) (IF82)**

**Award title:** Bachelor of Arts/Bachelor of Education

**CRICOS code:** 020316C

**Location:** Gardens Point, Kelvin Grove and Carseldine

**Course duration (full-time):** 4 Years

**Total credit points:** 384

**Course coordinator:** Dr Iraphne Childs (Arts); Dr Gordon Tait (Education)

**Career Outcomes**

The Arts component provides an excellent general education for future primary specialists. The Bachelor of Education (Primary) prepares students to teach at all levels of primary school. They may also complete a discipline/content studies major in one of the key learning areas of the Queensland school curriculum. Students may pursue language studies in this course. This degree provides a valuable foundation for careers in government, diplomacy, teaching, higher education, journalism, media relations or publishing. Opportunities in tourism, translation, and the hospitality industry are open to those with language studies.

**Course Structure - Continuing Students**

BA Course Requirements (Years 1 and 2) (Continuing Students)

Students should have completed the following components of the degree:

The first year requirements (8 units) which include:

- HHB116 Applied Skills and Scholarship
- Two Foundation Units (for students who did not complete two Faculty Foundation Units in Year 1
- Two to three Course Foundation Units
- Two to three Elective Units

NB a minimum of four of these eight units must be chosen from units offered from the BA component of your course.

In second year, a further 8 units to complete:

One Major Study Sequence chosen from the BA component of your course

AND

One Minor Study Sequence from those offered in the BA component of your course or from other Minor Study Sequences offered elsewhere within QUT.

Students must ensure that a minimum of 12 of the 16 units be chosen from units in the BA.

**Course Structure - Commencing Students**

BA Course Requirements (Years 1 and 2)(Commencing Students)

Students are REQUIRED to complete:

- One Interdisciplinary Professional Major (1 core introductory unit + 6 units in the major)  
It is SUGGESTED that they complete the Core Units Program consisting of the following:
- Four core units in first semester (from a selection of core introductory units and core skills units)  
(Note: one of the core introductory units will sit within the chosen Interdisciplinary Professional Major)
- Two core units in second year (2 research methods units)  
NB One of core introductory units will sit within the chosen Interdisciplinary Major.

Students must maintain a 50% enrolment in units from the BA program until they have completed 8 of those units (96 credit points).

Students may wish to

- develop a Minor (48 credit points) in one of the interdisciplinary professional areas
- develop a Minor (48 credit points) in a disciplinary study sequence or in another QUT course
- develop a Minor (48 credit points) in major Foundation units for Primary Teachings
- take a series of elective units

Students wishing to complete a full discipline studies sequence (6 units) will need to amend their core units program.

Students planning to complete a full language sequence (6 units) will need to discuss their program with the relevant Course

Coordinator to ensure that their language studies begin in semester one and continue into their third year.

NB Students are required to complete 16 units in the BA component of the double degree. Of these 12 must be BA units ie HHB coded units.

### Key Terms in the BA - Commencing Students

Professional Major - one of four interdisciplinary study sequences in the BA degree (International & Global Studies, Society and Change, Ethics and Human Rights, Community Studies), consisting of one core unit plus six further units from the appropriate list (making a total of 84 credit points). Students must complete at least one of these to fulfil the requirements of the degree.

NB - a unit may not be counted in more than one professional major, discipline sequence, or Minor.

Discipline Sequence - a set of six units (72 credit points) in a given discipline (Geography, History, Languages, Social Science). In Languages, this consists of six sequenced units in one Language. In other disciplines the six units must include one introductory unit to the discipline.

Minor Study Sequence - a study sequence of any four units (48 credit points) in a given subject area.

### Interdisciplinary Professional Majors - Commencing Students

For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

### Discipline Sequences - Commencing Students

For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

### Minor Sequences - Commencing Students

For details, refer to the Co-Majors section of the Bachelor of Arts (HH01) entry in the Humanities and Human Services section as any of these may be taken as Minors.

### Example of BA Full-time Course Structure - Continuing Students

#### Year 1, Semester 1

Introductory Core unit (Major)  
Introductory Core unit (2nd Major or Minor)  
HHB116 Applied Skills And Scholarship  
Elective Unit (General)

#### Year 1, Semester 2

Elective Unit (Major)  
Elective Unit (Major)  
Elective Unit (Minor or 2nd Major)  
Elective Unit (General)

#### Year 2, Semester 1

Elective Unit (Major)  
Elective Unit (Major)  
Elective Unit (Minor or 2nd Major)  
Elective Unit (General)

#### Year 2, Semester 2

Elective Unit (Major)  
Elective Unit (Major)  
Elective Unit (Minor or 2nd Major)  
Elective Unit (General)

#### Major/Minor Study Sequences

See Note 1

#### Lists A, B and C

For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

#### Part-time Students

See Note 2

### Core Program - Commencing Students

The core program for the degree consists of the following selection of units:

#### First Year Core: Core Units for Professional Majors

INTERNATIONAL AND GLOBAL STUDIES  
HHB110 Introduction To International And Global Studies  
HHB107 World Regions

#### SOCIETY AND CHANGE

HHB105 Interpreting Change  
HHB104 Understanding Society: Introduction to Sociology  
ETHICS AND HUMAN RIGHTS  
HHB114 Introduction To Human Rights And Ethics  
HHB115 Human Identity And Change  
COMMUNITY STUDIES  
HHB106 Australian Society And Culture  
HHB103 Contemporary Social And Community Issues

#### First Year Core: Skills Units

HHB116 Applied Skills And Scholarship  
HHB117 Introduction To Social Research Methods

#### Second Year Core: Research Methods Units

HHB224 Qualitative Research Methods  
HHB232 Survey Methods  
HHB121 Interpreting The Past  
HHB312 Geographical Research Design

### Education Component

#### Year 3, Semester 1

EDB001 Teaching and Learning Studies 1: Teaching in New Times  
MDB450 Primary Mathematics Curriculum  
EDB430 Primary Professional Practice 1: Classroom Management  
CLB376 Studies Of Society And Environment Curriculum

#### Year 3, Semester 2

KKB914 Visual And Performing Arts Curriculum 1  
SPB001 Human Development And Education  
MDB383 Using Technology In The Curriculum  
EDB431 Primary Professional Practice 2: Curriculum Decision Making

#### Year 4, Semester 1

SPB002 Psychology Of Learning And Teaching  
EDB432 Primary Professional Practice 3: The Inclusive Curriculum  
HMB307 Health And Physical Education Curriculum (Primary)  
CLB413 Programming And Assessment In Language And Mathematics

#### Year 4, Semester 2

CLB306 Understanding Educational Practices  
MDB384 Science Education  
EDB433 Primary Professional Practice 4: Beginning Teaching  
CLB454 Language And Literacy Curriculum

#### NOTE

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 should contact the Student Affairs office on 3864 3947. CLB334 is offered internally in semester 2.

## ■ Bachelor of Arts/Bachelor of Education (Primary) (IX12)

**Award title:** Bachelor of Arts/Bachelor of Education

**Location:** Kelvin Grove and Carseldine

**Course duration (full-time):** 4 years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Education - Dr Gordon Tait; Humanities - Dr Irahne Childs

### Course Structure - Commencing Students

BA Course Requirements (Years 1 and 2)(Commencing Students)

Students are REQUIRED to complete:

- One Interdisciplinary Professional Major (1 core introductory unit + 6 units in the major)  
It is SUGGESTED that they complete the Core Units Program consisting of the following:
- Four core units in first semester (from a selection of core introductory units and core skills units)  
(Note: one of the core introductory units will sit within the chosen Interdisciplinary Professional Major)
- Two core units in second year (2 research methods units)  
NB One of core introductory units will sit within the chosen Interdisciplinary Major.

### Course Structure - Commencing Students (cont.)

Students must maintain a 50% enrolment in units from the BA program until they have completed 8 of those units (96 credit points).

Students may wish to

- develop a Minor (48 credit points) in one of the interdisciplinary professional areas
- develop a Minor (48 credit points) in a disciplinary study sequence or in another QUT course
- develop a Minor (48 credit points) in major Foundation units for Primary Teachings
- take a series of elective units

Students wishing to complete a full discipline studies sequence (6 units) will need to amend their core units program.

Students planning to complete a full language sequence (6 units) will need to discuss their program with the relevant Course Coordinator to ensure that their language studies begin in semester one and continue into their third year.

NB Students are required to complete 16 units in the BA component of the double degree. Of these 12 must be BA units ie HHB coded units.

### Key Terms in the BA - Commencing Students

Professional Major - one of four interdisciplinary study sequences in the BA degree (International & Global Studies, Society and Change, Ethics and Human Rights, Community Studies), consisting of one core unit plus six further units from the appropriate list (making a total of 84 credit points). Students must complete at least one of these to fulfil the requirements of the degree.

NB - a unit may not be counted in more than one professional major, discipline sequence, or Minor.

Discipline Sequence - a set of six units (72 credit points) in a given discipline (Geography, History, Languages, Social Science). In Languages, this consists of six sequenced units in one Language. In other disciplines the six units must include one introductory unit to the discipline.

Minor Study Sequence - a study sequence of any four units (48 credit points) in a given subject area.

### Interdisciplinary Professional Majors - Commencing Students

For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

### Discipline Sequences - Commencing Students

For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

### Minor Sequences - Commencing Students

For details, refer to the Co-Majors section of the Bachelor of Arts (HH01) entry in the Humanities and Human Services section as any of these may be taken as Minors.

### Example of BA Full-time Course Structure - Commencing Students

#### Year 1, Semester 1

Introductory Core Unit (Major)  
1st Year Core Skills Unit (HHB116)  
Introductory Core Unit (2nd Major or Minor)  
Elective Unit (General)

#### Year 1, Semester 2

Elective Unit (Major)  
Elective Unit (Major)  
Elective Unit (2nd Major or Minor)  
Elective Unit (General)

#### Year 2, Semester 1

Elective Unit (Major)  
Elective Unit (Major)  
Elective Unit (2nd Major or Minor)  
Elective Unit (General)

#### Year 2, Semester 2

Elective Unit (Major)  
Elective Unit (Major)  
Elective Unit (2nd Major or Minor)  
Elective Unit (General)

### Core Program - Commencing Students

The core program for the degree consists of the following selection of units:

#### First Year Core: Core Units for Professional Majors

INTERNATIONAL AND GLOBAL STUDIES

HHB110 Introduction To International And Global Studies

HHB107 World Regions

SOCIETY AND CHANGE

HHB105 Interpreting Change

HHB104 Understanding Society: Introduction to Sociology

ETHICS AND HUMAN RIGHTS

HHB114 Introduction To Human Rights And Ethics

HHB115 Human Identity And Change

COMMUNITY STUDIES

HHB106 Australian Society And Culture

HHB103 Contemporary Social And Community Issues

#### First Year Core: Skills Units

HHB116 Applied Skills And Scholarship

HHB117 Introduction To Social Research Methods

#### Second Year Core: Research Methods Units

HHB224 Qualitative Research Methods

HHB232 Survey Methods

HHB121 Interpreting The Past

HHB312 Geographical Research Design

### Education Component

#### Year 3, Semester 1

EDB002 Teaching and Learning Studies II: Development and Learning

EDB021 Primary Field Studies I: Development and Learning in the Field

CLB006 Primary Curriculum and Pedagogies: Language and Literacies 1

MDB002 Primary Curriculum and Pedagogies: Mathematics 1

#### Year 3, Semester 2

EDB003 Teaching and Learning Studies III: Practising Education

EDB022 Primary Field Studies II: Practising Education in the Field

EDB008 Primary Curriculum and Pedagogies Interdisciplinary Primary Curriculum Studies

#### Year 4, Semester 1

EDB004 Teaching and Learning Studies IV: Inclusive Education

EDB023 Primary Field Studies III: Immersion in Inclusive Educational Practices

EDB009 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies II

#### Year 4, Semester 2

EDB005 Teaching and Learning Studies V: The Professional Work of Teachers

EDB024 Primary Field Studies IV: Professional Work of Teachers: Induction into the Field

EDB025 Internship (Primary)

SPB035 Primary Curriculum & Pedagogies: Integrated Primary and Middle Years Curriculum Project

## ■ Bachelor of Arts/Bachelor of Education (Secondary) (IF70)

**Award title:** Bachelor of Arts/Bachelor of Education

**CRICOS code:** 020316C

**Location:** Gardens Point, Kelvin Grove and Carseldine

**Course duration (full-time):** 4 Years

**Total credit points:** 432

**Course coordinator:** Humanities Coordinator: Dr Iraphne Childs; Education Coordinator: Dr Gordon Tait

### Note

Restricted intake in 2003.

The Bachelor of Arts/Bachelor of Education (Secondary) IF70 course has been replaced by a newly coded Bachelor of Arts/Bachelor of Education (Secondary) IX01 course with effect from 2003. There will be no new intake into this course in 2003

with the exception of students commencing their studies with significant advanced standing from previous tertiary level study.

### Course Structure

Students will complete 240 credit points in units offered in the BA component of the double degree plus 192 credit points in units offered by the Faculty of Education.

The teaching areas which may be studied are English, Geography, History, LOTE, Social Science, Film and Media (limited places).

Students are REQUIRED to complete the following BA components of the degree in Years 1, 2, and 3 - Semester 1:

- First Year Requirements:
  - HHB116 Applied Skills and Scholarship
  - two Foundation Units
  - two to three Course Foundation Units
  - two to three Elective units
- Note: In first year students must complete a minimum of four of the eight units within the BA component of the double degree.
- One approved BA study sequence of at least 96 credit points as a first teaching area; plus
- Approved studies of at least 48 credit points as a second teaching area.

Students must ensure that a minimum of 12 of the 20 units in the BA component of the course must be chosen from those offered within the BA component of the double degree.

Students must complete the following four Education units: Psychology of Learning and Teaching; Language, Technology and Education; Education in Context; Human Development and Education, in the first five semesters of the course. Students are advised to complete the units in Semesters 2 to 5 (and not in Semester 1). In the final semester, students may undertake the Middle Years of Schooling Pathway developing the knowledge, skills and understanding required to participate fully in the middle schooling reform movement.

### Education Component

Students are required to complete the following four Education units in the first five semesters of the course. It is recommended that students complete the units in semesters 2 to 5 and not undertake one in semester 1.

- EDB001 Teaching and Learning Studies I: Teaching in New Times
- SPB001 Human Development and Education
- SPB002 Psychology of Learning and Teaching
- CLB341 Language Technology and Education

Following are the approved Bachelor of Arts study sequences:

- English
- Geography
- History
- LOTE (French, German, Indonesian, Japanese and Mandarin)
- Social Sciences

In addition the Bachelor of Arts component offers a second teaching area in Film and Media Studies at Gardens Point campus (a limited number of places available).

### Course structure

#### Year 1 - Semester 1

Foundation Unit (prev. Faculty Foundation Unit) OR  
 HHB116 Applied Skills And Scholarship  
 Course Foundation Unit - from 1st teaching area  
 Course Foundation Unit  
 Elective Unit - 1st Teaching Area

#### Year 1 - Semester 2

Foundation Unit (prev. Faculty Foundation Unit) OR  
 HHB116 Applied Skills And Scholarship  
 Course Foundation Unit - 2nd Teaching Area  
 Course Foundation Unit  
 Elective Unit - 2nd Teaching Area

Education Unit e.g. EDB001

#### Year 2, Semester 1

Elective Unit - 1st Teaching Area  
 Elective Unit - 1st Teaching Area  
 Elective Unit - 1st Teaching Area  
 Elective Unit - 1st Teaching Area  
 Education Unit e.g. SPB001

#### Year 2, Semester 2

Elective Unit - 1st Teaching Area  
 Elective Unit - 1st Teaching Area  
 Elective Unit - 2nd Teaching Area  
 Elective Unit - 2nd Teaching Area  
 Education Unit e.g. SPB002

#### Year 3, Semester 1

Other Elective  
 Other Elective  
 Other Elective  
 Other Elective  
 Education Unit e.g. CLB341

#### Notes

See Notes 1 and 2

Part-time Students in BA Component

See Note 3

### List A - Foundation Units

Students should complete two Foundation Units in first year.

#### International and Global Studies

HHB110 Introduction To International And Global Studies  
 HHB107 World Regions

#### Society and Change

HHB104 Understanding Society: Intro. To Sociology  
 HHB105 Interpreting Change

#### Ethics and Human Rights

HHB114 Introduction To Human Rights And Ethics  
 HHB115 Human Identity And Change

#### Community Studies

HHB106 Australian Society And Culture  
 HHB103 Contemporary Social And Community Issues

### List B - BA Course Foundation Units

#### ENGLISH

KWB716 Introduction To Literary And Cultural Studies

#### HISTORY

HHB121 Interpreting The Past  
 HHB109 Australian Historical Studies

#### GEOGRAPHY

HHB107 World Regions  
 HHB227 Environment And Society

#### SOCIAL SCIENCE

HHB112 Australian Politics  
 HHB254 Indigenous Australian Culture Studies  
 HHB115 Human Identity And Change  
 HHB104 Understanding Society: Introduction to Sociology

LOTE: See Note 4

LANGUAGES: See Note 5

HHB071 Indonesian 1  
 HHB073 Indonesian 3  
 HHB081 Japanese 1  
 HHB083 Japanese 3  
 HHB061 French 1  
 HHB063 French 3  
 HHB091 German 1  
 HHB093 German 3  
 HHB050 Mandarin For Chinese  
 HHB051 Introductory Mandarin 1  
 HHB052 Introductory Mandarin 2  
 Year 2 (Semester 1 and 2) and Year 3 (Semester 1)

### List C - Electives

English  
 Geography  
 History  
 Social Science  
 Languages

### Education Component

#### Year 3, Semester 2

EDB450 Secondary Professional Practice 1: Classroom Management  
 EDB451 Secondary Professional Practice 2: Curriculum Decision Making

Curriculum Studies 1 (See List 1)  
Curriculum Studies 1 (See List 1)

#### Year 4, Semester 1

CLB306 Understanding Educational Practices  
EDB452 Secondary Professional Practice 3: The Inclusive Curriculum  
Curriculum Studies 2 (See List 2)  
Curriculum Studies 2 (See List 2)

#### Year 4, Semester 2

EDB453 Secondary Professional Practice 4: The Beginning Teacher  
Education Studies Elective (See List 3)  
Education Studies Elective (See List 3)  
Curriculum Elective (See List 4)

#### Alternative Year 4, Semester 2 - Middle Years Pathway

EDB443 Professional Internship Of Associate Teaching  
SPB008 The Middle Years Of Schooling  
SPB022 The Middle Years Curriculum  
EDB453 Secondary Professional Practice 4: The Beginning Teacher

#### English Elective Units

KWB701 Indigenous Australian Literature  
KWB710 Ozlit  
KWB712 Youth Writing  
KWB625 American Stories  
KWB724 Wonderlands: Literature And Culture In The 19th Century  
KWB725 Popular Fictions, Popular Culture  
KWB729 Shakespeare, Then And Now  
KWB321 Body Matters  
KWB314 Corporate Writing And Editing  
KWB399 The Writing And Publishing Industry  
KWB380 Creative Nonfiction: Life Writing  
KWB381 Creative Nonfiction: Arts, Humour, Travel  
Geography, History, Social Science and Languages Electives  
Please refer to the HH01 handbook entry

#### Curriculum Studies (List 1)

CLB325 English Curriculum Studies 1  
CLB361 Geography Curriculum Studies 1  
CLB363 History Curriculum Studies 1  
CLB329 LOTE Curriculum Studies 1  
CLB367 Social Science Curriculum Studies 1  
CLB327 Film And Media Curriculum Studies 1

#### Curriculum Studies 2

CLB326 English Curriculum Studies 2  
CLB362 Geography Curriculum Studies 2  
CLB364 History Curriculum Studies 2  
CLB330 LOTE Curriculum Studies 2  
CLB368 Social Science Curriculum Studies 2  
CLB328 Film And Media Curriculum Studies 2

#### Education Studies Elective Units - List 3

See List 3 in Bachelor of Applied Science/Bachelor of Education (Secondary) (IF71) for details.

#### Curriculum Studies Electives - List 4

See List 4 in Bachelor of Applied Science/Bachelor of Education (Secondary) (IF71) for details.

### ■ Bachelor of Arts/Bachelor of Education (Secondary) (IX01)

**Award title:** Bachelor of Arts/Bachelor of Education

**Location:** Gardens Point, Kelvin Grove and Carseldine

**Course duration (full-time):** 4 years

**Total credit points:** 432

**Course coordinator:** Humanities Coordinator: Dr Iraphne Childs; Education Coordinator: Dr Gordon Tait

#### Note

IX01 replaces IF70 for commencing students in 2003, and is subject to final approval.

Applicants to the IF70 course who have six units of credit of more should contact the faculty of education.

#### Course Structure

Students will complete 240 credit points in units offered in the BA component of the double degree plus 192 credit points in units offered by the Faculty of Education.

The teaching areas which may be studied are English, Geography, History, LOTE, Social Science, Film and Media (limited places).

Students are REQUIRED to complete the following BA components of the degree in Years 1, 2, and 3 - Semester 1:

- First Year Requirements:
  - HHB116 Applied Skills and Scholarship
  - two Foundation Units
  - two to three Course Foundation Units
  - two to three Elective units

Note: In first year students must complete a minimum of four of the eight units within the BA component of the double degree.

- One approved BA study sequence of at least 96 credit points as a first teaching area; plus
- Approved studies of at least 48 credit points as a second teaching area.

Students must ensure that a minimum of 12 of the 20 units in the BA component of the course must be chosen from those offered within the BA component of the double degree.

#### Career Outcomes

During the Arts component students specialise in two teaching areas relevant to the secondary school curriculum. The

Education component prepares graduates to teach both areas across years 8-12. This degree provides a valuable foundation for careers in government, diplomacy, teaching, higher education, journalism, media relations or publishing.

Opportunities in tourism, translation and the hospitality industry are open to those with language studies.

#### Course structure

##### Year 1 - Semester 1

Foundation Unit (prev. Faculty Foundation Unit) OR  
HHB116 Applied Skills And Scholarship  
Course Foundation Unit - from 1st teaching area  
Elective Unit - 1st Teaching Area  
Elective Unit - 2nd Teaching Area  
Course Foundation Unit

##### Year 1 - Semester 2

Foundation Unit (prev. Faculty Foundation Unit) OR  
HHB116 Applied Skills And Scholarship  
Course Foundation Unit - 2nd Teaching Area  
Course Foundation Unit  
Elective Unit - 2nd Teaching Area  
Elective Unit - 1st Teaching Area

##### Year 2, Semester 1

Elective Unit - 1st Teaching Area  
Elective Unit - 1st Teaching Area  
Elective Unit - 2nd Teaching Area  
Other Elective  
Other Elective

##### Year 2, Semester 2

Elective Unit - 2nd Teaching Area  
Elective Unit - 2nd Teaching Area  
Elective Unit - 1st Teaching Area  
Other Elective  
Other Elective

#### Notes

See Notes 1 and 2

#### Part-time Students in BA Component

See Note 3

#### List A - Foundation Units

Students should complete two Foundation Units in first year.  
HHB106 Australian Society And Culture  
HHB117 Introduction To Social Research Methods  
HHB114 Introduction To Human Rights And Ethics  
HHB111 Issues In International And Global Studies  
HHB105 Interpreting Change

#### List B - BA Course Foundation Units

ENGLISH  
KWB716 Introduction To Literary And Cultural Studies  
HISTORY

HHB121	Interpreting The Past
HHB109	Australian Historical Studies GEOGRAPHY
HHB107	World Regions SOCIAL SCIENCE
HHB121	Interpreting The Past
HHB254	Indigenous Australian Culture Studies
HHB115	Human Identity And Change
HHB104	Understanding Society: Introduction to Sociology LOTE: See Note 4 LANGUAGES: See Note 5

HHB071	Indonesian 1
HHB073	Indonesian 3
HHB081	Japanese 1
HHB083	Japanese 3
HHB061	French 1
HHB063	French 3
HHB091	German 1
HHB093	German 3
HHB050	Mandarin For Chinese
HHB051	Introductory Mandarin 1
HHB052	Introductory Mandarin 2

**Year 2 (Semester 1 and 2) and Year 3 (Semester 1)**  
LIST C - ELECTIVES (Refer to HH01 handbook entry)  
English  
Geography  
History  
Social Science  
Languages

### Education Component

#### Year 3, Semester 1

EDB002	Teaching and Learning Studies II: Development and Learning
EDB031	Secondary Field Studies I: Development and Learning in the Field Curriculum Studies IX Curriculum Studies IY

#### Year 3, Semester 2

EDB003	Teaching and Learning Studies III: Practising Education
EDB032	Secondary Field Studies II: Practising Education in the Field Curriculum Studies 2X Curriculum Studies 2Y

#### Year 4, Semester 1

EDB004	Teaching and Learning Studies IV: Inclusive Education
EDB033	Secondary Field Studies III: Immersion in Inclusive Educational Practices Curriculum Studies 3X Curriculum Studies 3Y

#### Year 4, Semester 2

EDB005	Teaching and Learning Studies V: Professional Work of Teachers
EDB034	Secondary Field Studies IV: Professional Work of Teachers: Induction into the Field
EDB035	Internship (Secondary) Education Elective

### Curriculum Studies Units

#### Curriculum Studies 1

CLB018	English Curriculum Studies 1
CLB024	Film and Media Curriculum Studies 1
CLB027	Geography Curriculum Studies 1
CLB030	History Curriculum Studies 1
CLB036	LOTE Curriculum Studies 1
CLB039	Social Science Curriculum Studies 1

#### Curriculum Studies 2

CLB019	English Curriculum Studies 2
CLB025	Film and Media Curriculum Studies 2
CLB028	Geography Curriculum Studies 2
CLB031	History Curriculum Studies 2
CLB037	LOTE Curriculum Studies 2
CLB040	Social Science Curriculum Studies 2

#### Curriculum Studies 3

CLB020	English Curriculum Studies 3
CLB026	Film and Media Curriculum Studies 3
CLB029	Geography Curriculum Studies 3
CLB032	History Curriculum Studies 3
CLB038	LOTE Curriculum Studies 3
CLB041	Social Science Curriculum Studies 3

## ■ Bachelor of Arts/Bachelor of Laws (IF43)

**Award title:** Bachelor of Arts/Bachelor of Laws

**CRICOS code:** 027276E

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 5 Years

**Total credit points:** 528

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr John Synott

### Professional Recognition

The Bachelor of Laws degree covers the areas of law required for the purposes of admission to practise as a Solicitor and/or Barrister in all Australian states and territories.

### Course Structure BA component - Continuing Students

BA REQUIREMENTS (Years 1 and 2)

Students should have completed the following components of the degree:

- The first year requirements (8 units) which include:
- HHB116 Applied Skills and Scholarship
- Two Foundation Units (if you have not already completed 2 Faculty Foundation Units in Year 1
- Two to three Course Foundation Units
- Two to three Elective Units

NB A minimum of 4 of these 8 units must be chosen from the BA component of your course.

In second year, a further 8 units are to be completed:

- One Major Study Sequence chosen from those offered in the BA component, and
- One Minor Study Sequence chosen from those offered in the component of your course or from other minor Study Sequences offered elsewhere within QUT.

Students must ensure that a minimum of 12 of the 16 units must be chosen from units in the BA.

### Course Structure BA component - Commencing Students

BA Course Requirements (Years 1 and 2)(Commencing Students)

Students are required to complete:

- One Interdisciplinary Professional Major (1 core introductory unit + 6 units in the major)

It is suggested that students complete the Core Units Program consisting of the following:

- Four core units in first semester (from a selection of core introductory units and core skills units)  
(Note: one of the core introductory units will sit within the chosen Interdisciplinary Professional Major)
- Two core units in second year (2 research methods units)

### Course Structure - Commencing Students (cont.)

Students must maintain a 50% enrolment in units from the BA program until they have completed 8 of these units (96 credit points).

Students may wish to

- develop a Minor (48 credit points) in one of the Interdisciplinary Professional areas
- develop a Minor (48 credit points) in a disciplinary study sequence or in another QUT course
- take a series of elective units

Students wishing to complete a full discipline studies sequence (6 units) will need to amend their core units program.

Students planning to complete a full language sequence (6 units) will need to discuss their program with the relevant Course Coordinator to ensure that their language studies begin in semester one and continue into their third year.

NB Students are required to complete 16 units in the BA component of the double degree. Of these 12 must be BA units ie HHB coded units.

### Key Terms in the BA

Professional Major - one of four interdisciplinary study sequences in the BA degree (International & Global Studies, Society and Change, Ethics and Human Rights, Community Studies), consisting of one core unit plus six from the appropriate list (making a total of 84 credit points). Students must complete at least one of these to fulfil the requirements of the degree.

NB: a unit may not be counted in more than one professional major, discipline sequence, or Minor.

Discipline Sequence - a set of six units (72 credit points) in a given discipline (Geography, History, Languages and Social Science). In Languages, this consists of six sequenced units in one Language. In other disciplines it must include one introductory unit to the discipline.

Minor Study Sequence - a study sequence of any four units (48 credit points) in a given subject area.

### Interdisciplinary Professional Majors - Commencing Students

For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

### Discipline Sequences

For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

### Minor Sequences

For details, refer to the Co-majors section of the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

### CORE PROGRAM - BA Students

This core program for the degree consists of the following selection of units:

#### First Year Core: Core Units for Professional Majors

	INTERNATIONAL AND GLOBAL STUDIES
HHB110	Introduction To International And Global Studies
HHB107	World Regions
	SOCIETY AND CHANGE
HHB105	Interpreting Change
HHB104	Understanding Society: Introduction to Sociology
	ETHICS AND HUMAN RIGHTS
HHB114	Introduction To Human Rights And Ethics
HHB115	Human Identity And Change
	COMMUNITY STUDIES
HHB106	Australian Society And Culture
HHB103	Contemporary Social And Community Issues

#### First Year Core: Skills Units

HHB116	Applied Skills And Scholarship
HHB117	Introduction To Social Research Methods

#### Second Year Core: Research Methods

HHB224	Qualitative Research Methods
HHB232	Survey Methods
HHB121	Interpreting The Past
HHB312	Geographical Research Design

### Course structure - Example of Full-time Course Structure

#### Year 1, Semester 1

- Introductory Core unit (Major)
- 1st Year Core Skills unit (HHB116)
- Introductory Core unit (2nd Major or Minor)
- Elective Unit (General)

#### Year 1, Semester 2

- Elective Unit (Major)
- Elective Unit (Major)
- Elective Unit (Minor)
- Elective Unit (General)

#### Year 2, Semester 1

- Elective Unit (Major)
- Elective Unit (Major)
- Elective Unit (Minor)

Elective Unit (General)

#### Year 2, Semester 2

- Elective Unit (Major)
- Elective Unit (Major)
- Elective Unit (2nd Major or Minor)
- Elective Unit (General)

#### BA Core Program

For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

#### Professional Major Study Sequences

For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

#### Discipline Sequences

For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

#### Minor Study Sequences in other QUT Courses

For details of Minor Study Sequences available, refer to the Co-Majors section of the Bachelor of Arts (HH01) entry in the Humanities and Human Services section as any of these are able to be taken as Minors.

## ■ Bachelor of Business (Accountancy and Economics)/Bachelor of Education (Secondary) (IF72)

**Award title:** Bachelor of Business (Study Area A)/Bachelor of Education

**CRICOS code:** 020321F

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 54 (average)

**Course coordinator:** Mr Andrew Paltridge (Business); Dr Gordon Tait (Education)

**Discipline coordinator:** Dr John Sweeting (Accountancy); Mr Eugene McCann (Economics)

### Course Design

Students are required to complete 240 credit points in units from the Faculty of Business plus 192 credit points in units offered by the Faculty of Education. The following four units are to be undertaken over the first five semesters of the course:

- EDB001 Teaching and Learning Studies I: Teaching in New Times
- SPB001 Human Development and Education
- SPB002 Psychology of Learning and Teaching
- CLB341 Language, Technology and Education

Teaching areas for students completing this award are Accounting and Economics. In the final semester, students may undertake the Middle Years of Schooling Pathway developing the knowledge, skills and understanding required to participate fully in the middle schooling reform movement.

### Course structure - Accountancy and Economics component

#### Year 1 Semester 1

BSB110	Accounting
BSB113	Economics
BSB119	International And Electronic Business
BSB122	Business Information Analysis And Communication

#### Year 1, Semester 2

AYB121	Financial Accounting
BSB111	Business Law And Ethics
EFB101	Data Analysis For Business
EFB102	Economics 2
	One Education Studies Unit (See List)

#### Year 2, Semester 1

AYB220	Company Accounting
EFB202	Business Cycles And Economic Growth
EFB210	Finance 1
EFB211	Firms, Markets And Resources
	One Education Studies Unit (See List)

#### Year 2, Semester 2

AYB221	Computerised Accounting Systems
AYB225	Management Accounting

EFB314 International Trade And Economic Competitiveness  
 EFB323 Financial And Monetary Economics  
 One Education Studies Unit (See List)

**Year 3, Semester 1**

AYB301 Auditing  
 BSB114 Government, Business And Society  
 BSB115 Management, People And Organisations  
 BSB126 Marketing  
 One Education Studies Unit (See List)

**Education Component**

**Course Structure**

EDB001, SPB001, SPB002 and CLB341 must be completed in the first five semesters of the course.

EDB001 Teaching and Learning Studies 1: Teaching in New Times  
 SPB001 Human Development And Education  
 SPB002 Psychology Of Learning And Teaching  
 CLB341 Language, Technology And Education

**Year 3, Semester 2**

EDB450 Secondary Professional Practice 1: Classroom Management  
 EDB451 Secondary Professional Practice 2: Curriculum Decision Making

CLB359 Economics Curriculum Studies 1  
 CLB355 Accounting/business Management Curriculum Studies 1

**Year 4, Semester 1**

CLB306 Understanding Educational Practices  
 EDB452 Secondary Professional Practice 3: The Inclusive Curriculum  
 CLB356 Accounting/business Management Curriculum Studies 2  
 CLB360 Economics Curriculum Studies 2

**Year 4, Semester 2**

EDB453 Secondary Professional Practice 4: The Beginning Teacher  
 Education Studies Elective (See List 3)  
 Education Studies Elective (See List 3)  
 Curriculum Studies Elective (See List 4)

**Alternative Year 4, Semester 2: Middle Years Pathway**

EDB443 Professional Internship Of Associate Teaching  
 SPB008 The Middle Years Of Schooling  
 SPB022 The Middle Years Curriculum  
 EDB453 Secondary Professional Practice 4: The Beginning Teacher

**Education Studies Elective Units**

See List 3 in Bachelor of Applied Science/Bachelor of Education (Secondary) (IF71) for details.

**Curriculum Studies Electives**

See List 4 in Bachelor of Applied Science/Bachelor of Education (Secondary) (IF71) for details.

**■ Bachelor of Business**

**(Accountancy)/Bachelor of Laws (IF37)**

**Award title:** Bachelor of Business (Accountancy)/Bachelor of Laws

**CRICOS code:** 006386F

**Location:** Gardens Point

**Course duration (full-time):** 5 Years

**Total credit points:** 540

**Standard credit points per semester (full-time):** 60 (years sem 1-5); 48 (sem 7 & 8); 56 (sem 6,9,10)

**Course coordinator:** Mr Andrew Paltridge (Business); Director, Undergraduate Programs (Law), 3864 2707

**Discipline coordinator:** Dr John Sweeting (Accountancy)

**Professional Recognition**

For information on the academic requirements of the Solicitors' or Barristers' Board of Queensland please refer to the section on professional recognition in the Bachelor of Laws course entry in the Faculty of Law section of the QUT Handbook. The Bachelor of Business (Accountancy) component satisfies the academic requirements for membership of the Institute of Chartered Accountants in Australia and CPA Australia.

**Course structure**

**Year 1, Semester 1**

BSB110 Accounting  
 BSB113 Economics  
 BSB122 Business Information Analysis And Communication

Introduction to Legal Research

LWB141 Legal Institutions And Method

LWB142 Law, Society And Justice

**Year 1, Semester 2**

AYB21 Financial Accounting  
 BSB119 International And Electronic Business  
 EFB101 Data Analysis For Business  
 LWB143 Legal Research And Writing  
 LWB144 Laws And Global Perspectives

**Year 2, Semester 1**

AYB220 Company Accounting  
 BSB115 Management, People And Organisations  
 EFB210 Finance 1  
 LWB136 Contracts A  
 LWB138 Fundamentals Of Torts

**Year 2, Semester 2**

AYB221 Computerised Accounting Systems  
 AYB225 Management Accounting  
 EFB102 Economics 2  
 LWB137 Contracts B  
 LWB139 Select Issues In Torts

**Year 3, Semester 1**

AYB301 Auditing  
 BSB126 Marketing  
 LWB231 Introduction To Public Law  
 LWB238 Fundamentals Of Criminal Law  
 LWB366 Law Of Commercial Entities

**Year 3, Semester 2**

AYB311 Financial Accounting Issues  
 OR  
 AYB321 Strategic Management Accounting  
 Plus:

BSB114 Government, Business And Society  
 LWB235 Australian Federal Constitutional Law  
 LWB239 Criminal Responsibility

**Year 4, Semester 1**

LWB236 Real Property A  
 LWB240 Principles Of Equity  
 LWB332 Commercial And Personal Property Law  
 LWB333 Theories Of Law

**Year 4, Semester 2**

LWB237 Real Property B  
 LWB241 Trusts  
 LWB331 Administrative Law  
 LWB334 Corporate Law

**Year 5, Semester 1**

LWB364 Introduction To Taxation Law  
 LWB431 Civil Procedure  
 LWB432 Evidence  
 LWB434 Advanced Research And Legal Reasoning

**Year 5, Semester 2**

LWB359 Advanced Taxation Law  
 LWB433 Professional Responsibility  
 Elective unit  
 Elective unit

**■ Bachelor of Business (Accountancy, Banking and Finance, Economics or Marketing)/Bachelor of Health Science (Health Services Management) (IF47)**

**Award title:** Bachelor of Business (Study Area A)/Bachelor of Health Science (Health Services Management)

**CRICOS code:** 027277D

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 54 (average)

**Course coordinator:** Mr Andrew Paltridge (Business); Ms Melinda Service (Health)

**Discipline coordinator:** Dr John Sweeting (Accountancy); Mr John Polichronis (Banking and Finance); Mr Eugene McCann (Economics); Dr Josie Di Donato (Health Services Management); Dr Marilyn Healy (Marketing)



**Other Majors**

See also the separate entry for the following majors in this course: Bachelor of Business (Advertising, Electronic Business, Human Resource Management, International Business, Management, or Public Relations)/Bachelor of Health Science (Health Services Management).

**Professional Membership**

Graduates are eligible for membership of the Australian College of Health Service Executives. Depending on the choice of major, extended major or elective units, graduates may be eligible for membership of the: Accountancy - CPA Australia, Institute of Chartered Accountants in Australia (ICAA). Banking and Finance - Australasian Institute of Banking and Finance (AIBF). Economics - Economic Society of Australia (Queensland Division). Marketing - Australian Marketing Institute, Market Research Society of Australia, Australian Institute of Management (AIM), Australasian Institute of Export, American Marketing Association.

**Course Design**

Students are required to complete 432 credit points comprised of 192 credit points from the Bachelor of Health Science program and 240 credit points from the Bachelor of Business program. Students supplement the health administration component of this program with the 96 credit point faculty core units in the Bachelor of Business program together with a 72 point credit point major, and a further 72 credit points in which the student must complete one of the following: double major, extended major or specialisation. Business majors available are: Accountancy, Advertising, Banking and Finance, Economics, Electronic Business, Human Resource Management, International Business, Management, Marketing and Public Relations.

**Course structure - Accountancy/Health Services Management****Year 1, Semester 1**

BSB110 Accounting  
BSB113 Economics  
PUB104 Introduction To Health Services Management  
PUB107 Sustainable Environments For Health

**Year 1, Semester 2**

AYB121 Financial Accounting  
BSB122 Business Information Analysis and Communication  
PUB251 Contemporary Public Health  
PYB012 Psychology

**Year 2, Semester 1**

BSB111 Business Law And Ethics  
BSB115 Management, People And Organisations  
BSB126 Marketing  
PUB314 Epidemiology And Statistics

**Year 2, Semester 2**

BSB114 Government, Business And Society  
BSB119 International and Electronic Business  
MGB207 Human Resource Issues And Strategy  
PUB117 Introduction To Consumer Studies  
PUB380 Casemix Management

**Year 3, Semester 1**

AYB220 Company Accounting  
EFB101 Data Analysis For Business  
Double Major/Extended Major/Specialisation Unit  
Public Health Elective

**Year 3, Semester 2**

AYB221 Computerised Accounting Systems  
AYB225 Management Accounting  
LWS001 Medicine And The Law  
PUB480 Health Administration Finance  
Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 1**

AYB301 Auditing  
PUB511 Health Policy, Planning And Evaluation  
PUB514 Contract/Project Management  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 2**

PUB418 Health Computer Systems

PUB609 Health Resource Allocation  
PUB875 Professional Practice  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

**Course structure - Banking & Finance/Health Services Management****Year 1, Semester 1**

BSB113 Economics  
BSB122 Business Information Analysis and Communication  
PUB104 Introduction To Health Services Management  
PUB107 Sustainable Environments For Health

**Year 1, Semester 2**

BSB115 Management, People And Organisations  
EFB102 Economics 2  
PUB251 Contemporary Public Health  
PYB012 Psychology

**Year 2, Semester 1**

BSB110 Accounting  
BSB114 Government, Business And Society  
EFB101 Data Analysis For Business  
PUB314 Epidemiology And Statistics

**Year 2, Semester 2**

BSB126 Marketing  
MGB207 Human Resource Issues And Strategy  
PUB117 Introduction To Consumer Studies  
PUB380 Casemix Management  
Double Major/Extended Major/Specialisation Unit

**Year 3, Semester 1**

BSB111 Business Law And Ethics  
EFB210 Finance 1  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit  
Public Health Elective

**Year 3, Semester 2**

BSB119 International and Electronic Business  
LWS001 Medicine And The Law  
PUB480 Health Administration Finance  
Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 1**

EFB210 Finance 1  
EFB307 Finance 2  
PUB511 Health Policy, Planning And Evaluation  
PUB514 Contract/Project Management  
Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 2**

EFB312 International Finance And Economics  
Double Major/Extended Major/Specialisation Unit  
PUB418 Health Computer Systems  
PUB609 Health Resource Allocation  
PUB875 Professional Practice

**Course structure - Economics/Health Services Management****Year 1, Semester 1**

BSB113 Economics  
BSB122 Business Information Analysis and Communication  
PUB104 Introduction To Health Services Management  
PUB107 Sustainable Environments For Health

**Year 1, Semester 2**

BSB115 Management, People And Organisations  
EFB102 Economics 2  
PUB251 Contemporary Public Health  
PYB012 Psychology

**Year 2, Semester 1**

BSB114 Government, Business And Society  
BSB126 Marketing  
EFB101 Data Analysis For Business  
PUB314 Epidemiology And Statistics

**Year 2, Semester 2**

BSB110 Accounting  
MGB207 Human Resource Issues And Strategy  
PUB117 Introduction To Consumer Studies  
PUB380 Casemix Management  
Double Major/Extended Major/Specialisation Unit

**Year 3, Semester 1**

BSB111 Business Law And Ethics  
EFB202 Business Cycles And Economic Growth  
EFB211 Firms, Markets And Resources

Double Major/Extended Major/Specialisation Unit  
Public Health Elective

**Year 3, Semester 2**

EFB314 International Trade And Economic Competitiveness  
EFB323 Financial And Monetary Economics  
LWS001 Medicine And The Law  
PUB480 Health Administration Finance  
Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 1**

BSB119 Marketing  
PUB511 Health Policy, Planning And Evaluation  
PUB514 Contract/Project Management  
Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 2**

PUB418 Health Computer Systems  
PUB609 Health Resource Allocation  
PUB875 Professional Practice  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

**Course structure - Marketing/Health Services Management****Year 1, Semester 1**

BSB122 Business Information Analysis and Communication  
BSB126 Marketing  
PUB104 Introduction To Health Services Management  
PUB107 Sustainable Environments For Health

**Year 1, Semester 2**

AMB200 Consumer Behaviour  
AMB240 Marketing Planning And Management  
PUB251 Contemporary Public Health  
PYB012 Psychology

**Year 2, Semester 1**

AMB201 Market And Audience Research  
BSB114 Government, Business And Society  
BSB119 International and Electronic Business  
PUB314 Epidemiology And Statistics

**Year 2, Semester 2**

AMB241 E-Marketing Strategies  
MGB207 Human Resource Issues And Strategy  
PUB117 Introduction To Consumer Studies  
PUB380 Casemix Management  
Double Major/Extended Major/Specialisation Unit

**Year 3, Semester 1**

BSB111 Business Law And Ethics  
BSB113 Economics  
BSB115 Management, People And Organisations  
Double Major/Extended Major/Specialisation Unit  
Public Health Elective

**Year 3, Semester 2**

LWS001 Medicine And The Law  
PUB480 Health Administration Finance  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 1**

AMB340 Services Marketing  
BSB110 Accounting  
PUB511 Health Policy, Planning And Evaluation  
PUB514 Contract/Project Management  
Elective

**Year 4, Semester 2**

AMB341 Strategic Marketing  
PUB418 Health Computer Systems  
PUB609 Health Resource Allocation  
PUB875 Professional Practice  
Double Major/Extended Major/Specialisation Unit

## ■ Bachelor of Business (Advertising, Electronic Business, Human Resource Management, International Business, Management or Public Relations)/Bachelor of Health Science (Health Services Management) (IF47)

**Award title:** Bachelor of Business (Study Area A)/Bachelor of Health Science (Health Services Management)

**CRICOS code:** 027277D

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 54 (Average)

**Course coordinator:** Mr Andrew Paltridge (Business); Ms Melinda Service (Health)

**Discipline coordinator:** Ms Gayle Kerr (Advertising); Dr Josie Di Donato (Health Services Management); Dr Kate Hutchings (Human Resource Management); Ms Sherrena Buckby (Electronic Business); Mr Simon Ridngs (International Business); Dr Glenda Maconachie (Management); Ms Robina Xavier (Public Relations)

**Other Majors**

See also the separate entry for the following majors in this course: Bachelor of Business (Accountancy, Banking and Finance, Economics, or Marketing)/Bachelor of Health Science (Health Services Management).

**Professional Membership**

Graduates are eligible for membership of the Australian College of Health Service Executives. Depending on the choice of major, extended major or specialisation, graduates may be eligible for membership of: Advertising - Advertising Federation of Australia, Australian Association of National Advertisers, Australian Direct Marketing Association. HRM - Australian Human Resources Institute, Australian Institute of Training and Development (AITD), Australian Institute of Management (AIM). International Business - Economic Society of Australia, Australasian Institute of Export. Management- Australian Institute of Management (AIM). Public Relations - Public Relations Institute of Australia.

**Course Design**

Students are required to complete 432 credit points comprised of 192 credit points from the Bachelor of Health Science program and 240 credit points from the Bachelor of Business program. Students supplement the health administration component of this program with the 96 credit point faculty core units in the Bachelor of Business program together with a 72 point credit point major, and a further 72 credit points in which the student must complete one of the following: double major, extended major or specialisation. Business majors available are: Accountancy, Advertising, Banking and Finance, Economics, Electronic Business, Human Resource Management, International Business, Management, Marketing and Public Relations.

**Course structure - Electronic Business/Health Services Management**

**Note:** The Electronic Business Major must be undertaken with another Business major

**Year 1, Semester 1**

BSB114 Government, Business And Society  
BSB119 International and Electronic Business  
PUB104 Introduction To Health Services Management  
PUB107 Sustainable Environments For Health

**Year 1, Semester 2**

BSB122 Business Information Analysis and Communication  
BSB126 Marketing  
PUB251 Contemporary Public Health  
PYB012 Psychology

**Year 2, Semester 1**

BSB110 Accounting  
 BSB115 Management, People And Organisations  
 BSB212 Electronic Business Applications  
 PUB314 Epidemiology And Statistics

**Year 2, Semester 2**

BSB111 Business Law And Ethics  
 ITB825 Electronic Business Information Systems  
 MGB207 Human Resource Issues And Strategy  
 PUB117 Introduction To Consumer Studies  
 PUB380 Casemix Management

**Year 3, Semester 1**

BSB113 Economics  
 MGB334 Managing In A Changing Environment  
 Double Major Unit  
 Electronic Business Elective  
 Public Health Elective

**Year 3, Semester 2**

BSB213 Legal Issues In Electronic Business  
 LWS001 Medicine And The Law  
 PUB480 Health Administration Finance  
 Double Major Unit  
 Double Major Unit

**Year 4, Semester 1**

PUB511 Health Policy, Planning And Evaluation  
 PUB514 Contract/Project Management  
 Double Major Unit  
 Double Major Unit

**Year 4, Semester 2**

BSB313 Business Strategy And Technology  
 PUB418 Health Computer Systems  
 PUB609 Health Resource Allocation  
 PUB875 Professional Practice  
 Double Major Unit

**Electronic Business Elective Unit List:**

AMB230 Internet Promotion  
 AMB241 E-Marketing Strategies  
 AYB221 Computerised Accounting Systems  
 ITB233 Enterprise Systems Applications  
 ITB823 Web Sites For Electronic Commerce  
 IBB223 Emerging Technologies And International Business  
 ITB114 Introduction to Network Technologies  
 MGB216 Managing Technology, Innovation And Knowledge

**Course structure - Human Resource Management/Health Services Management**
**Year 1, Semester 1**

BSB115 Management, People And Organisations  
 BSB122 Business Information Analysis and Communication  
 PUB104 Introduction To Health Services Management  
 PUB107 Sustainable Environments For Health

**Year 1, Semester 2**

BSB126 Marketing  
 MGB220 Management Research Methods  
 PUB251 Contemporary Public Health  
 PYB012 Psychology

**Year 2, Semester 1**

BSB110 Accounting  
 BSB113 Economics  
 BSB119 International and Electronic Business  
 PUB314 Epidemiology And Statistics

**Year 2, Semester 2**

MGB207 Human Resource Issues And Strategy  
 MGB211 Organisational Behaviour  
 PUB117 Introduction To Consumer Studies  
 PUB380 Casemix Management

**Year 3, Semester 1**

BSB114 Government, Business And Society  
 MGB222 Managing Organisations  
 Double Major/Extended Major/Specialisation Unit  
 Public Health Elective

**Year 3, Semester 2**

LWS001 Medicine And The Law  
 PUB480 Health Administration Finance  
 Double Major/Extended Major/Specialisation Unit  
 Double Major/Extended Major/Specialisation Unit  
 Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 1**

BSB111 Business Law And Ethics  
 MGB314 Organisational Consulting And Change  
 Double Major/Extended Major/Specialisation Unit  
 PUB511 Health Policy, Planning And Evaluation  
 PUB514 Contract/Project Management

**Year 4, Semester 2**

MGB309 Strategic Management  
 Double Major/Extended Major/Specialisation Unit  
 PUB418 Health Computer Systems  
 PUB609 Health Resource Allocation  
 PUB875 Professional Practice

**Course structure - Management/Health Services Management**
**Year 1, Semester 1**

BSB115 Management, People And Organisations  
 BSB122 Business Information Analysis and Communication  
 PUB104 Introduction To Health Services Management  
 PUB107 Sustainable Environments For Health

**Year 1, Semester 2**

MGB207 Human Resource Issues And Strategy  
 MGB220 Management Research Methods  
 MGB222 Managing Organisations  
 PUB251 Contemporary Public Health  
 PYB012 Psychology

**Year 2, Semester 1**

BSB114 Government, Business And Society  
 MGB210 Production And Service Management  
 MGB211 Organisational Behaviour  
 PUB314 Epidemiology And Statistics

**Year 2, Semester 2**

BSB110 Accounting  
 Double Major/Extended Major/Specialisation Unit  
 Double Major/Extended Major/Specialisation Unit  
 PUB117 Introduction To Consumer Studies  
 PUB380 Casemix Management

**Year 3, Semester 1**

BSB119 International and Electronic Business  
 BSB126 Marketing  
 MGB334 Managing In A Changing Environment  
 Public Health Elective

**Year 3, Semester 2**

MGB309 Strategic Management  
 Double Major/Extended Major/Specialisation Unit  
 LWS001 Medicine And The Law  
 PUB480 Health Administration Finance

**Year 4, Semester 1**

BSB111 Business Law And Ethics  
 BSB113 Economics  
 Double Major/Extended Major/Specialisation Unit  
 PUB511 Health Policy, Planning And Evaluation  
 PUB514 Contract/Project Management

**Year 4, Semester 2**

Double Major/Extended Major/Specialisation Unit  
 Double Major/Extended Major/Specialisation Unit  
 PUB418 Health Computer Systems  
 PUB609 Health Resource Allocation  
 PUB875 Professional Practice

**Course structure - Public Relations/Health Services Management**
**Year 1, Semester 1**

BSB122 Business information Analysis and Communication  
 BSB126 Marketing  
 PUB104 Introduction To Health Services Management  
 PUB107 Sustainable Environments For Health

**Year 1, Semester 2**

AMB260 Public Relations Theory And Practice  
 BSB119 International and Electronic Business  
 PUB251 Contemporary Public Health  
 PYB012 Psychology

**Year 2, Semester 1**

AMB201 Market And Audience Research  
 AMB261 Media Relations And Publicity  
 BSB115 Management, People And Organisations  
 PUB314 Epidemiology And Statistics

**Year 2, Semester 2**

AMB262 Public Relations Writing

MGB207 Human Resource Issues And Strategy  
 PUB117 Introduction To Consumer Studies  
 PUB380 Casemix Management  
 Double Major/Extended Major/Specialisation Unit

**Year 3, Semester 1**

BSB111 Business Law And Ethics  
 BSB113 Economics  
 BSB114 Government, Business And Society  
 Double Major/Extended Major/Specialisation Unit  
 Public Health Elective

**Year 3, Semester 2**

LWS001 Medicine And The Law  
 PUB480 Health Administration Finance  
 Double Major/Extended Major/Specialisation Unit  
 Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 1**

AMB360 Corporate Communication Management  
 BSB110 Accounting  
 PUB511 Health Policy, Planning And Evaluation  
 PUB514 Contract/Project Management  
 Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 2**

AMB361 Public Relations Campaigns  
 PUB418 Health Computer Systems  
 PUB609 Health Resource Allocation  
 PUB875 Professional Practice  
 Double Major/Extended Major/Specialisation Unit

**Course structure - Advertising/Health Services Management****Year 1, Semester 1**

BSB122 Business information Analysis and Communication  
 BSB126 Marketing  
 PUB104 Introduction To Health Services Management  
 PUB107 Sustainable Environments For Health

**Year 1, Semester 2**

AMB200 Consumer Behaviour  
 AMB220 Advertising Theory And Practice  
 PUB251 Contemporary Public Health  
 PYB012 Psychology

**Year 2, Semester 1**

AMB222 Media Planning  
 BSB115 Management, People And Organisations  
 BSB119 International and Electronic Business  
 PUB314 Epidemiology And Statistics

**Year 2, Semester 2**

AMB221 Advertising Copywriting  
 MGB207 Human Resource Issues And Strategy  
 PUB117 Introduction To Consumer Studies  
 PUB380 Casemix Management  
 Double Major/Extended Major/Specialisation Unit

**Year 3, Semester 1**

BSB113 Economics  
 BSB114 Government, Business And Society  
 Double Major/Extended Major/Specialisation Unit  
 Double Major/Extended Major/Specialisation Unit  
 Public Health Elective

**Year 3, Semester 2**

BSB110 Accounting  
 LWS001 Medicine And The Law  
 PUB480 Health Administration Finance  
 Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 1**

AMB320 Advertising Management  
 BSB111 Business Law And Ethics  
 PUB511 Health Policy, Planning And Evaluation  
 PUB514 Contract/Project Management  
 Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 2**

AMB321 Advertising Campaigns  
 PUB418 Health Computer Systems  
 PUB609 Health Resource Allocation  
 PUB875 Professional Practice  
 Double Major/Extended Major/Specialisation Unit

**Course structure - International Business (without a Language)/Health Services Management****Year 1, Semester 1**

BSB114 Government, Business And Society

BSB119 International and Electronic Business  
 PUB104 Introduction To Health Services Management  
 PUB107 Sustainable Environments For Health

**Year 1, Semester 2**

BSB113 Economics  
 BSB115 Management, People And Organisations  
 PUB251 Contemporary Public Health  
 PYB012 Psychology

**Year 2, Semester 1**

BSB110 Accounting  
 BSB126 Marketing  
 IBB210 Export Management  
 PUB314 Epidemiology And Statistics

**Year 2, Semester 2**

IBB202 Business And The World Economy  
 IBB211 Globalisation And Business  
 PUB117 Introduction To Consumer Studies  
 PUB380 Casemix Management  
 MGB207 Human Resource Issues And Strategy

**Year 3, Semester 1**

BSB111 Business Law And Ethics  
 BSB122 Business Information Analysis and Communication  
 Area Study 1  
 Double Major/Extended Major/Specialisation Unit  
 Public Health Elective

**Year 3, Semester 2**

LWS001 Medicine And The Law  
 PUB480 Health Administration Finance  
 Area Study 2  
 Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 1**

PUB511 Health Policy, Planning And Evaluation  
 PUB514 Contract/Project Management  
 Double Major/Extended Major/Specialisation Unit  
 Double Major/Extended Major/Specialisation Unit  
 Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 2**

IBB300 International Business Strategy  
 PUB418 Health Computer Systems  
 PUB609 Health Resource Allocation  
 PUB875 Professional Practice  
 Double Major/Extended Major/Specialisation Unit

**Area Study Units:**

IBB217 Asian Business Development  
 IBB317 Contemporary Business In Asia  
 OR  
 IBB208 European Business Development  
 IBB308 Contemporary Business In Europe

**Course structure - International Business (with a Language)/Health Services Management****Year 1, Semester 1**

BSB119 International and Electronic Business  
 PUB104 Introduction To Health Services Management  
 PUB107 Sustainable Environments For Health  
 Language 1

**Year 1, Semester 2**

BSB115 Management, People And Organisations  
 PUB251 Contemporary Public Health  
 PYB012 Psychology  
 Language 2

**Year 2, Semester 1**

BSB113 Economics  
 BSB126 Marketing  
 PUB314 Epidemiology And Statistics  
 Language 3

**Year 2, Semester 2**

IBB202 Business And The World Economy  
 MGB207 Human Resource Issues And Strategy  
 PUB117 Introduction To Consumer Studies  
 PUB380 Casemix Management  
 Language 4

**Year 3, Semester 1**

BSB114 Government, Business And Society  
 BSB122 Business Information Analysis and Communication  
 Language 5  
 OR

IBB205 Cross-Cultural Communication And Negotiation  
 IBB210 Export Management

Public Health Elective

**Year 3, Semester 2**

IBB211 Globalisation And Business  
LWS001 Medicine And The Law  
PUB480 Health Administration Finance  
Language 6  
OR

International Business Elective Unit (IBB2xx, IBB3xx)

**Year 4, Semester 1**

BSB110 Accounting  
BSB111 Business Law And Ethics  
PUB511 Health Policy, Planning And Evaluation  
PUB514 Contract/Project Management  
Area Study 1

**Year 4, Semester 2**

IBB300 International Business Strategy  
PUB418 Health Computer Systems  
PUB609 Health Resource Allocation  
PUB875 Professional Practice  
Area Study 2

**Area Study Units:**

Students must complete one of the following pairs of area study units:

IBB217 Asian Business Development  
IBB317 Contemporary Business In Asia  
OR

IBB208 European Business Development  
IBB308 Contemporary Business In Europe

**■ Bachelor of Business (Advertising, Human Resource Management, International Business, Management or Public Relations)/Bachelor of Laws (IF41)**

**Award title:** Bachelor of Business (Study Area A)/Bachelor of Laws

**CRICOS code:** 006386F

**Location:** Gardens Point

**Course duration (full-time):** 5 Years

**Total credit points:** 528

**Standard credit points per semester (full-time):** 60

**Course coordinator:** Mr Andrew Paltridge (Business); Director of Undergraduate Programs (Law)

**Discipline coordinator:** Ms Gayle Kerr (Advertising); Dr Kate Hutchings (Human Resource Management); Mr Simon Ridings (International Business); Dr Glenda Maconachie (Management); Ms Robina Xavier (Public Relations)

**Professional Recognition**

The law component of the double degree satisfies the academic requirements for admission to practise as a Solicitor or Barrister in Queensland. Depending on the choice of major or extended major, business graduates may be eligible for membership of:

- Advertising - Advertising Federation of Australia, the Australian Association of National Advertisers and the Australian Direct Marketing Association.
- HRM - Australian Institute of Training and Development, Australian Human Resources Institute, Australian Institute of Management.
- International Business - Australasian Institute of Export.
- Management - Australian Institute of Management.
- Public Relations - Public Relations Institute of Australia

**Course Design**

Students supplement the law component of this program with seven Business faculty core units and one of the following Business majors: Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing or Public Relations, as well as three specialisation units. The three specialisation units must be selected from the series of specialisations provided. Deviation from the defined series of specialisations requires approval from the Director of Undergraduate Studies.

**Law Elective Units**

For information on the availability of law elective units, please refer to the relevant section in the Bachelor of Laws course entry in the Faculty of Law section.

**Course structure - Advertising**

**Year 1, Semester 1**

BSB115 Management, People And Organisations  
BSB122 Business Information Analysis And Communication  
Introduction to Legal Research

LWB141 Legal Institutions And Method  
LWB142 Law, Society And Justice

**Year 1, Semester 2**

AMB200 Consumer Behaviour  
AMB220 Advertising Theory And Practice  
BSB119 International And Electronic Business

LWB143 Legal Research And Writing  
LWB144 Laws And Global Perspectives

**Year 2, Semester 1**

AMB222 Media Planning  
BSB113 Economics  
BSB114 Government, Business And Society  
LWB136 Contracts A

**Year 2, Semester 2**

AMB221 Advertising Copywriting  
BSB110 Accounting  
LWB137 Contracts B  
Business Specialisation Unit

**Year 3, Semester 1**

AMB320 Advertising Management  
LWB138 Fundamentals Of Torts  
LWB238 Fundamentals Of Criminal Law  
Business Specialisation Unit

**Year 3, Semester 2**

AMB321 Advertising Campaigns  
LWB139 Select Issues In Torts  
LW239 Criminal Responsibility  
Business Specialisation Unit

**Year 4, Semester 1**

LWB231 Introduction To Public Law  
LWB236 Real Property A  
LWB240 Principles Of Equity  
LWB332 Commercial And Personal Property Law  
LWB333 Theories Of Law

**Year 4, Semester 2**

LWB235 Australian Federal Constitutional Law  
LWB237 Real Property B  
LWB241 Trusts  
LWB331 Administrative Law  
LWB334 Corporate Law

**Year 5, Semester 1**

LWB431 Civil Procedure  
LWB432 Evidence  
LWB434 Advanced Research And Legal Reasoning  
Elective

**Year 5, Semester 2**

LWB433 Professional Responsibility  
Elective Units  
Elective Units  
Elective Units

**Extended Major Units in Advertising**

AMB230 Internet Promotion  
AMB231 Marketing Communications Regulations And Ethics  
AMB330 Advertising Strategy And Planning  
AMB331 Direct Marketing

**Course structure - Human Resource Management major**

**Year 1, Semester 1**

BSB110 Accounting  
BSB115 Management, People And Organisations  
BSB122 Business Information Analysis and Communication  
LWB141 Legal Institutions And Method  
LWB142 Law, Society And Justice  
Introduction to Legal Research

**Year 1, Semester 2**

BSB114 Government, Business And Society  
BSB119 International And Electronic Business  
MGB220 Management Research Methods

LWB143 Legal Research And Writing  
LWB144 Laws And Global Perspectives

**Year 2, Semester 1**

BSB126 Marketing  
MGB207 Human Resource Issues And Strategy  
MGB211 Organisational Behaviour  
LWB136 Contracts A

**Year 2, Semester 2**

BSB113 Economics  
LWB137 Contracts B  
Business Specialisation Unit  
Business Specialisation Unit

**Year 3, Semester 1**

MGB221 Performance And Reward  
LWB138 Fundamentals Of Torts  
LWB232 Criminal Law And Procedure  
Business Specialisation Unit

**Year 3, Semester 2**

MGB320 Recruitment and Selection  
MGB331 Training And Development  
LWB139 Select Issues In Torts  
LWB232 Criminal Law And Procedure

**Year 4, Semester 1**

LWB231 Introduction To Public Law  
LWB233 Real Property  
LWB234 Equity And Trusts  
LWB332 Commercial And Personal Property Law  
LWB333 Theories Of Law

**Year 4, Semester 2**

LWB233 Real Property  
LWB234 Equity And Trusts  
LWB235 Australian Federal Constitutional Law  
LWB331 Administrative Law  
LWB334 Corporate Law

**Year 5, Semester 1**

LWB431 Civil Procedure  
LWB432 Evidence  
LWB434 Advanced Research And Legal Reasoning  
Law elective unit

**Year 5, Semester 2**

LWB433 Professional Responsibility  
Law elective unit  
Law elective unit  
Law elective unit

**Course structure - International Business**

**Year 1, Semester 1**

BSB110 Accounting  
BSB115 Management, People And Organisations  
BSB119 International and Electronic Business  
Introduction to Legal Research  
LWB141 Legal Institutions And Method  
LWB142 Law, Society And Justice

**Year 1, Semester 2**

BSB113 Economics  
BSB114 Government, Business And Society  
BSB126 Marketing  
LWB143 Legal Research And Writing  
LWB144 Laws And Global Perspectives

**Year 2, Semester 1**

BSB122 Business Information Analysis and Communication  
IBB210 Export Management  
Area Study 1  
LWB136 Contracts A

**Year 2, Semester 2**

IBB202 Business And The World Economy  
IBB211 Globalisation And Business  
Area Study 2  
LWB137 Contracts B

**Year 3, Semester 1**

Business Specialisation Unit  
Business Specialisation Unit  
LWB138 Fundamentals Of Torts  
LWB238 Fundamentals Of Criminal Law

**Year 3, Semester 2**

IBB300 International Business Strategy  
Business Specialisation Unit  
LWB139 Select Issues In Torts  
LWB239 Criminal Responsibility

**Year 4, Semester 1**

LWB231 Introduction To Public Law  
LWB236 Real Property A  
LWB240 Principles Of Equity  
LWB332 Commercial And Personal Property Law  
LWB333 Theories Of Law

**Year 4, Semester 2**

LWB235 Australian Federal Constitutional Law  
LWB237 Real Property B  
LWB241 Trusts  
LWB331 Administrative Law  
LWB334 Corporate Law

**Year 5, Semester 1**

LWB431 Civil Procedure  
LWB432 Evidence  
LWB434 Advanced Research And Legal Reasoning  
Elective Unit

**Year 5, Semester 2**

LWB433 Professional Responsibility  
Elective  
Elective  
Elective

**Area Study Units for the International Business Major**

IBB217 Asian Business Development  
IBB317 Contemporary Business In Asia  
OR  
IBB208 European Business Development  
IBB308 Contemporary Business In Europe

**Course structure - Management**

**Year 1, Semester 1**

BSB110 Accounting  
BSB115 Management, People And Organisations  
BSB122 Business Information Analysis and Communication  
LWB141 Legal Institutions And Method  
LWB142 Law, Society And Justice  
Introduction to Legal Research

**Year 1, Semester 2**

BSB114 Government, Business And Society  
BSB119 International and Electronic Business  
MGB220 Management Research Methods  
LWB143 Legal Research And Writing  
LWB144 Laws And Global Perspectives

**Year 2, Semester 1**

BSB126 Marketing  
MGB211 Organisational Behaviour  
MGB222 Managing Organisations  
LWB136 Contracts A

**Year 2, Semester 2**

BSB113 Economics  
MGB334 Managing In A Changing Environment  
LWB137 Contracts B  
Business Specialisation Unit

**Year 3, Semester 1**

MGB210 Production And Service Management  
LWB138 Fundamentals Of Torts  
LWB238 Fundamentals Of Criminal Law  
Business Specialisation Unit

**Year 3, Semester 2**

MGB309 Strategic Management  
LWB139 Select Issues In Torts  
LWB239 Criminal Responsibility  
Business Specialisation Unit

**Year 4, Semester 1**

LWB231 Introduction To Public Law  
LWB236 Real Property A  
LWB240 Principles Of Equity  
LWB332 Commercial And Personal Property Law  
LWB333 Theories Of Law

**Year 4, Semester 2**

LWB235 Australian Federal Constitutional Law  
LWB237 Real Property B  
LWB241 Trusts  
LWB331 Administrative Law  
LWB334 Corporate Law

**Year 5, Semester 1**

LWB431 Civil Procedure  
LWB432 Evidence  
LWB434 Advanced Research And Legal Reasoning

Elective

**Year 5, Semester 2**  
 LWB433 Professional Responsibility  
 Elective Units (36 cp)

### Course structure - Public Relations

**Year 1, Semester 1**  
 BSB115 Management, People And Organisations  
 BSB122 Business Information Analysis and Communication  
 BSB126 Marketing  
 Introduction to Legal Research  
 LWB141 Legal Institutions And Method  
 LWB142 Law, Society And Justice

**Year 1, Semester 2**  
 AMB260 Public Relations Theory And Practice  
 BSB114 Government, Business And Society  
 BSB119 International and Electronic Business  
 LWB143 Legal Research And Writing  
 LWB144 Laws And Global Perspectives

**Year 2, Semester 1**  
 AMB201 Market And Audience Research  
 AMB261 Media Relations And Publicity  
 BSB113 Economics  
 LWB136 Contracts A

**Year 2, Semester 2**  
 AMB262 Public Relations Writing  
 BSB110 Accounting  
 LWB137 Contracts B  
 Business Specialisation Unit

**Year 3, Semester 1**  
 AMB360 Corporate Communication Management  
 LWB138 Fundamentals Of Torts  
 LWB238 Fundamentals Of Criminal Law  
 Business Specialisation Unit

**Year 3, Semester 2**  
 AMB361 Public Relations Campaigns  
 LWB139 Select Issues In Torts  
 LWB239 Criminal Responsibility  
 Business Specialisation Unit

**Year 4, Semester 1**  
 LWB231 Introduction To Public Law  
 LWB236 Real Property A  
 LWB240 Principles Of Equity  
 LWB332 Commercial And Personal Property Law  
 LWB333 Theories Of Law

**Year 4, Semester 2**  
 LWB235 Australian Federal Constitutional Law  
 LWB237 Real Property B  
 LWB241 Trusts  
 LWB331 Administrative Law  
 LWB334 Corporate Law

**Year 5, Semester 1**  
 LWB431 Civil Procedure  
 LWB432 Evidence  
 LWB434 Advanced Research And Legal Reasoning  
 Elective

**Year 5, Semester 2**  
 LWB433 Professional Responsibility  
 Elective Units  
 Elective Units  
 Elective Units

### Specialisations

Student should note that not all specialisation will be timetabled in every year or semester. Hence it is important that you confirm that the specialisation in which you are interested is offered. Any deviation from the list of specialisations requires approval from the Faculty of Business, Director of Undergraduate Studies. Students are required to undertake an alternative specialisation unit where the same unit constitutes part of their Business major.

### Accounting-for students without an Accounting major

AYB121 Financial Accounting  
 AYB220 Company Accounting  
 AYB225 Management Accounting  
 Advertising - for students with an Advertising Major  
 AMB330 Advertising Strategy And Planning  
 Plus two from  
 AMB230 Internet Promotion  
 AMB231 Marketing Communications Regulations And Ethics  
 AMB331 Direct Marketing

### Advertising - for students without an Advertising Major

AMB220 Advertising Theory And Practice  
 AMB221 Advertising Copywriting  
 AMB222 Media Planning

### Banking and Finance-for students with a Banking and Finance major

EFB308 Finance 3  
 Plus two from  
 AYB225 Management Accounting  
 EFB309 Financial Derivatives  
 EFB310 Financial Institutions - Control  
 EFB311 Financial Institutions - Lending  
 EFB318 Portfolio And Security Analysis

### Banking and Finance- for students without a Banking and Finance major

EFB210 Finance 1  
 EFB307 Finance 2  
 Plus  
 EFB201 Financial Markets  
 Or  
 EFB312 International Finance And Economics

### Economics - for students with an Economics major

Any three units from  
 EFB200 Applied Regression Analysis  
 EFB201 Financial Markets  
 EFB210 Finance 1  
 EFB324 Macroeconomics Of Global Financial Markets  
 EFB325 Financial Microeconomics  
 EFB326 Applied Portfolio Management  
 EFB327 Econometrics Of Financial Markets  
 EFB328 Public Economics And Finance

### Economics - for students without an Economics major

EFB102 Economics 2  
 EFB202 Business Cycles And Economic Growth  
 EFB211 Firms, Markets And Resources

### Electronic Business- for students without an Electronic Business major

BSB212 Electronic Business Applications  
 BSB313 Business Strategy And Technology  
 MGB334 Managing In A Changing Environment

### Human Resource Management- for students with an HRM major

MGB221 Performance And Reward  
 MGB304 Human Resource Information Management  
 MGB315 Personal And Professional Development

### International Business- for students with an IB major

IBB213 International Marketing  
 IBB304 Global Industry Analysis  
 IBB205 Cross-Cultural Communication And Negotiation

### International Business- for students without an IB major

IBB211 Globalisation And Business  
 IBB210 Export Management  
 IBB300 International Business Strategy

### Management- for students with a Management major

MGB216 Managing Technology, Innovation And Knowledge  
 MGB315 Personal And Professional Development  
 Plus

MGB218 Venture Skills  
 Or

MGB223 Creating New Enterprises

### Management- for students without an Management major

MGB200 Management Research Methods  
 MGB222 Managing Organisations  
 MGB334 Managing a Changing Environment

### Marketing- for students with a Marketing major

Choose any three from  
 AMB250 Business To Business Marketing  
 AMB251 Innovation And Market Development  
 AMB350 Relationship And Sales Management  
 AMB351 Tourism Marketing  
 AMB352 Marketing Decision Making  
 AMB353 Retail Marketing  
 AMB354 Events Marketing  
 IBB213 International Marketing

### Marketing - for students without a Marketing major

AMB200 Consumer Behaviour  
 AMB240 Marketing Planning And Management  
 AMB341 Strategic Marketing

### Public Relations- for students with a PR major

AMB202 Integrated Marketing Communication  
 AMB370 Public Relations Cases  
 AMB371 Corporate Communication Strategies

**Public Relations- for students without a PR major**

AMB260	Public Relations Theory And Practice
AMB261	Media Relations And Publicity
AMB262	Public Relations Writing

## ■ Bachelor of Business (Banking and Finance, Economics or Marketing)/Bachelor of Laws (IF41)

**Award title:** Bachelor of Business (Study Area A)/Bachelor of Laws

**CRICOS code:** 006386F

**Location:** Gardens Point

**Course duration (full-time):** 5 Years

**Total credit points:** 528

**Standard credit points per semester (full-time):** 60

**Course coordinator:** Mr Andrew Paltridge (Business); Director of Undergraduate Programs (Law)

**Discipline coordinator:** Mr John Polichronis (Banking and Finance); Mr Eugene McCann (Economics); Dr Marilyn Healy (Marketing)

### Professional Recognition

The law component of the double degree satisfies the academic requirements for admission to practise as a Solicitor or Barrister in Queensland. Depending on the choice of major or extended major, business graduates may be eligible for membership of:

- Banking & Finance: Australasian Institute of Banking and Finance (AIBF).
- Economics: Economic Society of Australia (Queensland Division).
- Marketing: Australian Marketing Institute, Market Research Society of Australia, Australian Institute of Management, Australasian Institute of Export and the American Marketing Association.

### Course Design

Students supplement the law component of this program with seven Business faculty core units and one of the following Business majors: Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing or Public Relations, as well as three specialisation units. The three specialisation units must be selected from the series of specialisations provided. Deviation from the defined series of specialisations requires approval from the Director of Undergraduate Studies.

### Law Elective Units

For information on the availability of law elective units, please refer to the relevant section in the Bachelor of Laws course entry in the Faculty of Law section.

### Course structure - Banking and Finance major

#### Year 1, Semester 1

BSB113	Economics
BSB115	Management, People And Organisations
BSB122	Business Information Analysis And Communication Introduction to Legal Research
LWB141	Legal Institutions And Method
LWB142	Law, Society And Justice

#### Year 1, Semester 2

BSB110	Accounting
BSB126	Marketing
EFB102	Economics 2
LWB143	Legal Research And Writing
LWB144	Laws And Global Perspectives

#### Year 2, Semester 1

BSB114	Government, Business And Society
EFB101	Data Analysis For Business OR Business extended major/specialisation unit
EFB210	Finance 1
LWB136	Contracts A

#### Year 2, Semester 2

BSB119	International And Electronic Business
EFB307	Finance 2
EFB312	International Finance And Economics
LWB137	Contracts B

#### Year 3, Semester 1

EFB201	Financial Markets
LWB138	Fundamentals Of Torts
LWB238	Fundamentals Of Criminal Law Business specialisation unit

#### Year 3, Semester 2

EFB101	Data Analysis For Business OR Business specialisation unit Business specialisation unit
LWB139	Select Issues In Torts
LWB239	Criminal Responsibility

#### Year 4, Semester 1

LWB231	Introduction To Public Law
LWB236	Real Property A
LWB240	Principles Of Equity
LWB332	Commercial And Personal Property Law
LWB333	Theories Of Law

#### Year 4, Semester 2

LWB235	Australian Federal Constitutional Law
LWB237	Real Property B
LWB241	Trusts
LWB331	Administrative Law
LWB334	Corporate Law

#### Year 5, Semester 1

LWB431	Civil Procedure
LWB432	Evidence
LWB434	Advanced Research And Legal Reasoning Law elective unit

#### Year 5, Semester 2

LWB433	Professional Responsibility Law elective units
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### Banking and Finance Extended Major

To satisfy academic requirements for: Senior Associate Membership of the Australasian Institute of Banking and Finance (AAIBF (Snr))  
Students must complete, either:

AYB312	Financial Institutions Law
EFB310	Financial Institutions - Control
EFB311	Financial Institutions - Lending OR
EFB308	Finance 3
EFB318	Portfolio And Security Analysis Finance elective

### Course structure - Economics major

#### Year 1, Semester 1

BSB110	Accounting
BSB113	Economics
BSB115	Management, People And Organisations Introduction to Legal Research
LWB141	Legal Institutions And Method
LWB142	Law, Society And Justice

#### Year 1, Semester 2

BSB122	Business Information Analysis And Communication
BSB126	Marketing
EFB102	Economics 2
LWB143	Legal Research And Writing
LWB144	Laws And Global Perspectives

#### Year 2, Semester 1

EFB101	Data Analysis For Business
EFB202	Business Cycles And Economic Growth
EFB211	Firms, Markets And Resources
LWB136	Contracts A

#### Year 2, Semester 2

BSB119	International And Electronic Business
EFB314	International Trade And Economic Competitiveness
EFB323	Financial And Monetary Economics
LWB137	Contracts B

#### Year 3, Semester 1

BSB114	Government, Business And Society
LWB138	Fundamentals Of Torts
LWB238	Fundamentals Of Criminal Law Business specialisation unit

#### Year 3, Semester 2



LWB139 Select Issues In Torts  
 LWB239 Criminal Responsibility  
 Business specialisation unit  
 Business specialisation unit

**Year 4, Semester 1**

LWB231 Introduction To Public Law  
 LWB236 Real Property A  
 LWB240 Principles Of Equity  
 LWB332 Commercial And Personal Property Law  
 LWB333 Theories Of Law

**Year 4, Semester 2**

LWB235 Australian Federal Constitutional Law  
 LWB237 Real Property B  
 LWB241 Trusts  
 LWB331 Administrative Law  
 LWB334 Corporate Law

**Year 5, Semester 1**

LWB431 Civil Procedure  
 LWB432 Evidence  
 LWB434 Advanced Research And Legal Reasoning  
 Law elective unit

**Year 5, Semester 2**

LWB433 Professional Responsibility  
 Law elective units

**Financial Economics extended major**

Students only need to complete three of the following units to meet course requirements:

EFB200 Applied Regression Analysis  
 EFB201 Financial Markets  
 EFB210 Finance 1  
 EFB324 Macroeconomics Of Global Financial Markets  
 EFB325 Financial Microeconomics  
 EFB326 Applied Portfolio Management  
 EFB327 Econometrics Of Financial Markets  
 EFB328 Public Economics And Finance

**Course structure - Marketing major**

**Year 1, Semester 1**

BSB113 Economics  
 BSB115 Management, People And Organisations  
 BSB126 Marketing

Introduction to Legal Research  
 LWB141 Legal Institutions And Method  
 LWB142 Law, Society And Justice

**Year 1, Semester 2**

BSB119 International And Electronic Business  
 BSB122 Business Information Analysis And Communication  
 LWB143 Legal Research And Writing  
 LWB144 Laws And Global Perspectives  
 MIB217 Marketing Management

**Year 2, Semester 1**

BSB114 Government, Business And Society  
 EFB101 Data Analysis For Business  
 MIB204 Consumer Behaviour  
 LWB136 Contracts A

**Year 2, Semester 2**

BSB110 Accounting  
 MIB213 International Marketing  
 LWB137 Contracts B  
 Business Specialisation Unit

**Year 3, Semester 1**

MIB305 Market Research  
 LWB138 Fundamentals Of Torts  
 LWB238 Fundamentals Of Criminal Law  
 Business Specialisation Unit

**Year 3, Semester 2**

MIB315 Strategic Marketing  
 LWB139 Select Issues In Torts  
 LWB239 Criminal Responsibility  
 Business Specialisation Unit

**Year 4, Semester 1**

LWB231 Introduction To Public Law  
 LWB236 Real Property A  
 LWB240 Principles Of Equity  
 LWB332 Commercial And Personal Property Law  
 LWB333 Theories Of Law

**Year 4, Semester 2**

LWB235 Australian Federal Constitutional Law  
 LWB237 Real Property B

LWB331 Administrative Law  
 LWB239 Criminal Responsibility  
 LWB334 Corporate Law

**Year 5, Semester 1**

LWB431 Civil Procedure  
 LWB432 Evidence  
 LWB434 Advanced Research And Legal Reasoning  
 Law elective unit

**Year 5, Semester 2**

LWB433 Professional Responsibility  
 Law elective units

**Marketing extended major**

Students only need to complete three units to meet course requirements.

The following units are offered every year:

MIB210 Export Management  
 MIB227 Product Innovation And Market Development  
 MIB308 Professional Marketing Practice  
 MIB311 Services Marketing  
 MIB319 Events Marketing  
 MIB321 Tourism Marketing

The following units are offered in even numbered years:

MIB218 Marketing Sport And Recreation  
 MIB228 Promotional Strategy  
 MIB229 Retail Marketing  
 MIB320 Marketing Decision Making

The following units are offered in odd numbered years:

MIB215 Marketing Logistics  
 MIB220 Organisational Markets (Business To Business Marketing)  
 MIB224 Technology And Marketing  
 MIB230 Sales Management

**Specialisations**

Student should note that not all specialisation will be timetabled in every year or semester. Hence it is important that you confirm that the specialisation in which you are interested is offered.

Any deviation from the list of specialisations requires approval from the Faculty of Business, Director of Undergraduate Studies.

Students are required to undertake an alternative specialisation unit where the same unit constitutes part of their Business major.

**Accounting-for students without an Accounting major**

AYB121 Financial Accounting  
 AYB220 Company Accounting  
 AYB225 Management Accounting

**Advertising - for students with an Advertising Major**

AMB330 Advertising Strategy And Planning  
 Plus two from  
 AMB230 Internet Promotion  
 AMB231 Marketing Communications Regulations And Ethics  
 AMB331 Direct Marketing

**Advertising - for students without an Advertising Major**

AMB220 Advertising Theory And Practice  
 AMB221 Advertising Copywriting  
 AMB222 Media Planning

**Banking and Finance-for students with a Banking and Finance major**

EFB308 Finance 3  
 Plus two from  
 AYB225 Management Accounting  
 EFB309 Financial Derivatives  
 EFB310 Financial Institutions - Control  
 EFB311 Financial Institutions - Lending  
 EFB318 Portfolio And Security Analysis

**Banking and Finance- for students without a Banking and Finance major**

EFB210 Finance 1  
 EFB307 Finance 2  
 Plus  
 EFB201 Financial Markets  
 Or

EFB312 International Finance And Economics

**Economics - for students with an Economics major**

Any three units from  
 EFB200 Applied Regression Analysis  
 EFB201 Financial Markets  
 EFB210 Finance 1  
 EFB324 Macroeconomics Of Global Financial Markets  
 EFB325 Financial Microeconomics  
 EFB326 Applied Portfolio Management  
 EFB327 Econometrics Of Financial Markets  
 EFB328 Public Economics And Finance

**Economics - for students without an Economics major**

EFB102	Economics 2
EFB202	Business Cycles And Economic Growth
EFB211	Firms, Markets And Resources

**Electronic Business- for students without an Electronic Business major**

BSB212	Electronic Business Applications
BSB313	Business Strategy And Technology
MGB334	Managing In A Changing Environment

**Human Resource Management- for students with an HRM major**

MGB221	Performance And Reward
MGB304	Human Resource Information Management
MGB315	Personal And Professional Development

**International Business- for students with an IB major**

IBB213	International Marketing
IBB304	Global Industry Analysis
IBB205	Cross-Cultural Communication And Negotiation

**International Business- for students without an IB major**

IBB211	Globalisation And Business
IBB210	Export Management
IBB300	International Business Strategy

**Management- for students with a Management major**

MGB216	Managing Technology, Innovation And Knowledge
MGB315	Personal And Professional Development

Plus

MGB218	Venture Skills
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Or

MGB223	Creating New Enterprises
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**Management- for students without an Management major**

MGB200	Management Research Methods
MGB222	Managing Organisations
MGB334	Managing a Changing Environment

**Marketing- for students with a Marketing major**

Choose any three from

AMB250	Business To Business Marketing
AMB251	Innovation And Market Development
AMB350	Relationship And Sales Management
AMB351	Tourism Marketing
AMB352	Marketing Decision Making
AMB353	Retail Marketing
AMB354	Events Marketing
IBB213	International Marketing

**Marketing - for students without a Marketing major**

AMB200	Consumer Behaviour
AMB240	Marketing Planning And Management
AMB341	Strategic Marketing

**Public Relations- for students with a PR major**

AMB202	Integrated Marketing Communication
AMB370	Public Relations Cases
AMB371	Corporate Communication Strategies

**Public Relations- for students without a PR major**

AMB260	Public Relations Theory And Practice
AMB261	Media Relations And Publicity
AMB262	Public Relations Writing

## ■ Bachelor of Business Information Management (IF11)

**Award title:** Bachelor of Business Information Management

**Location:** Caboolture

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Mr Robert Craig

### Professional Recognition

Students who graduate from the Bachelor of Business Information Management are eligible for membership of the Australian Institute of Management.

### Mid Year Intake Course structure

#### Year 1, Semester 2

CTB721	Principles Of Information Management
CTB751	Introduction To Network Technologies
CTB110	Accounting
CTB126	Marketing

#### Year 2, Semester 1

CTB225	Introduction to Databases
CTB210	Introduction To Programming - Visual Basic

CTB112	Introduction to Electronic Commerce
CTB115	Management, People and Organisations

#### Year 2, Semester 2

CTB722	Web Applications
CTB723	Information Issues and Values
CTB213	Legal Issues In Electronic Business
CTB218	Venture Skills

#### Year 3, Semester 1

CTB219	Application Programming
CTB222	Business Systems Analysis
CTB212	Electronic Business Applications
CTB221	Computerised Accounting Systems

#### Year 3, Semester 2

CTB752	Data Security
CTB335	Project Management
	Elective
	Elective

#### Year 4, Semester 1

CTB724	Fundamentals of Enterprise Systems
CTB334	Managing in a Changing Environment
	Elective
	Elective

### Full-time Course structure

#### Year 1, Semester 1

CTB112	Introduction to Electronic Commerce
CTB115	Management, People and Organisations
CTB210	Introduction To Programming - Visual Basic
CTB225	Introduction to Databases

#### Year 1, Semester 2

CTB110	Accounting
CTB126	Marketing
CTB721	Principles Of Information Management
CTB751	Introduction To Network Technologies

#### Year 2, Semester 1

CTB212	Electronic Business Applications
CTB221	Computerised Accounting Systems
CTB222	Business Systems Analysis
CTB219	Application Programming

#### Year 2, Semester 2

CTB213	Legal Issues In Electronic Business
CTB218	Venture Skills
CTB722	Web Applications
CTB723	Information Issues and Values

#### Year 3, Semester 1

CTB334	Managing in a Changing Environment
CTB724	Fundamentals of Enterprise Systems
	Elective
	Elective

#### Year 3, Semester 2

CTB335	Project Management
CTB752	Data Security
	Elective
	Elective

## ■ Bachelor of Business/Bachelor of Education (Secondary) (IX03)

**Award title:** Bachelor of Business (Study Area A)/Bachelor of Education

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 4 years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 54 (average)

**Course coordinator:** Mr Andrew Paltridge (Business), Dr Gordon Tait (Education)

**Discipline coordinator:** Dr John Sweeting (Accountancy), Mr Eugene McCann (Economics)

### Course structure

#### Year 1 Semester 1

BSB110	Accounting
BSB113	Economics
BSB119	International And Electronic Business
BSB122	Business Information Analysis And Communication
EDB002	Teaching and Learning Studies II: Development and Learning

#### Year 1, Semester 2

AYB121	Financial Accounting
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BSB111	Business Law And Ethics
EFB101	Data Analysis For Business
EFB102	Economics 2
EDB031	Secondary Field Studies 1: Development and Learning in the Field

#### Year 2, Semester 1

AYB220	Company Accounting
EFB202	Business Cycles And Economic Growth
EFB210	Finance 1
EFB211	Firms, Markets And Resources
CLB009	Accounting/Business Management Curriculum Studies 1

#### Year 2, Semester 2

AYB221	Computerised Accounting Systems
AYB225	Management Accounting
EFB314	International Trade And Economic Competitiveness
EFB323	Financial And Monetary Economics
	* Prior to 2000 EFB305 Current Economic Policy Challenges was a core unit in the Economics Major. Students who have completed this unit are not required to undertake EFB323 Financial and Monetary Economics.

#### Year 3, Semester 1

AYB301	Auditing
BSB114	Government, Business And Society
BSB115	Management, People And Organisations
BSB126	Marketing
CLB015	Economics Curriculum Studies 1

#### Year 3, Semester 2

EDB003	Teaching and Learning Studies III: Practising Education
EDB032	Secondary Field Studies II: Practising Education in the Field
CLB010	Accounting/Business Management Curriculum Studies 2
CLB016	Economics Curriculum Studies 2

#### Year 4, Semester 1

EDB004	Teaching & Learning Studies IV: Inclusive Education
EDB003	Secondary Field Studies III: Immersion in Inclusive Educational Practices
CLB011	Accounting/Business Management Curriculum Studies 3
CLB017	Economics Curriculum Studies 3

#### Year 4, Semester 2

EDB005	Teaching and Learning Studies V: Professional Work of Teachers: Education Elective
EDB034	Secondary Field Studies IV: Professional Work of Teachers: Induction into the Field
EDB035	Internship (Secondary)

## ■ Bachelor of Business/Bachelor of Information Technology (Information Systems) (IF48)

**Award title:** Bachelor of Business (Study Area A)/Bachelor of Information Technology (Information Systems)

**CRICOS code:** 022137A

**Location:** Gardens Point

**Course duration (full-time):** 8 or 9 Semesters

**Total credit points:** 432

**Standard credit points per semester (full-time):** 54 (average) for 8 semesters; 48 for 9 semesters

**Course coordinator:** Assoc Prof Michael Rosemann (InfoTech); Mr Andrew Paltridge (Business)

**Discipline coordinator:** Dr John Sweeting (Accountancy); Ms Gayle Kerr (Advertising); Mr John Polichronis (Banking and Finance); Mr Eugene McCann (Economics); Ms Sherrena Buckby (Electronic Business); Dr Kate Hutchings (Human Resource Management); Mr Simon Ridings (International Business); Dr Glenda Maconachie (Management); Ms Cathy Neal (Marketing); Ms Robina Xavier (Public Relations)

### Professional Membership

Students completing the Bachelor of Business degree may, subject to choice of major and extended major units, satisfy the academic requirements for membership of: CPA Australia, Institute of Chartered Accountants in Australia (ICAA), Australasian Institute of Banking and Finance (AIBF), Economic Society of Australia (Queensland Division), Australasian Institute of Export, Advertising Institute of Australia, Public Relations

Institute of Australia, Australian Human Resources Institute, Australian Institute of Management, Australian Institute of Training and Development, Australian Marketing Institute, Market Research Society of Australia and American Marketing Association. Graduates of the Bachelor of Information Technology meet the knowledge requirement for admission to the Australian Computer Society.

### Course Design

Students are required to complete 432 credit points comprised of 216 credit points from the Bachelor of Business program and 216 credit points from the Bachelor of Information Technology program. Students must complete 72 credit points of faculty core units in the Business program together with a 72 point credit point major, and a further 72 credit points in which the student must complete one of the following: double major, extended major or specialisation. Business majors available are: Accountancy, Advertising, Banking and Finance, Economics, Electronic Business, Human Resource Management, International Business, Management, Marketing and Public Relations.

### Course structure - Accountancy (for students seeking professional recognition)

#### Year 1, Semester 1

ITB111	Software Development 1
ITB113	Introduction to Computer Architecture and System Software
ITB115	Introduction to Databases
ITB116	Professional Studies 1

#### Year 1, Semester 2

BSB110	Accounting
BSB111	Business Law And Ethics
BSB113	Economics
BSB122	Business Information Analysis And Communication

#### Year 2, Semester 1

AYB121	Financial Accounting
AYB223	Law Of Business Associations
BSB115	Management, People And Organisations
EFB101	Data Analysis For Business

#### Year 2, Semester 2

ITB114	Introduction to Network Technologies
ITB118	Systems Life Cycle
ITB227	Web Applications
ITB229	Information Systems Specification

#### Year 3, Semester 1

AYB220	Company Accounting
AYB221	Computerised Accounting Systems
BSB114	Government, Business And Society
EFB210	Finance 1

#### Year 3, Semester 2

AYB225	Management Accounting
AYB311	Financial Accounting Issues
AYB325	Taxation Law
EFB102	Economics 2

#### Year 4, Semester 1

ITB218	Applications Programming
ITB222	Business Systems Analysis
ITB232	Database Systems
	IS Subject Area Elective Unit

#### Year 4, Semester 2

ITB228	Enterprise Systems
	IS Subject Area Elective Unit
	IS Subject Area Elective Unit
	IS Subject Area Elective Unit

#### Year 5, Semester 1

AYB301	Auditing
AYB321	Strategic Management Accounting
ITB240	Project (Information Systems)
	IS Subject Area Elective Unit

### Course structure - Accountancy (for students not seeking professional recognition)

#### Year 1, Semester 1

#### Year 1, Semester 2

BSB110	Accounting
BSB113	Economics
BSB122	Business Information Analysis And Communication
BSB126	Marketing

**Year 2, Semester 1**

AYB121 Financial Accounting  
 BSB115 Management, People And Organisations  
 EFB101 Data Analysis For Business  
 Double Major /Specialisation Unit

**Year 2, Semester 2**

ITB114 Introduction to Network Technologies  
 ITB118 Systems Life Cycle  
 ITB227 Web Applications  
 ITB229 Information Systems Specification

**Year 3, Semester 1**

AYB220 Company Accounting  
 BSB114 Government, Business And Society  
 Double Major/Specialisation Unit  
 Double Major/Specialisation Unit

**Year 3, Semester 2**

AYB221 Computerised Accounting Systems  
 AYB225 Management Accounting  
 Double Major/Specialisation Unit  
 Double Major/Specialisation Unit

**Year 4, Semester 1**

ITB218 Applications Programming  
 ITB222 Business Systems Analysis  
 ITB232 Database Systems  
 IS Subject Area Elective Unit

**Year 4, Semester 2**

ITB228 Enterprise Systems  
 IS Subject Area Elective Unit  
 IS Subject Area Elective Unit  
 IS Subject Area Elective Unit

**Year 5, Semester 1**

AYB301 Auditing  
 ITB240 Project (Information Systems)  
 IS Subject Area Elective Unit  
 Double Major/Extended Major/Specialisation Unit

**Course structure - Advertising**
**Year 1, Semester 1**

ITB111 Software Development 1  
 ITB113 Introduction to Computer Architecture and System Software  
 ITB115 Introduction to Databases  
 ITB116 Professional Studies 1

**Year 1, Semester 2**

BSB114 Government, Business And Society  
 BSB115 Management, People And Organisations  
 BSB122 Business Information Analysis And Communication  
 BSB126 Marketing

**Year 2, Semester 1**

AMB200 Consumer Behaviour  
 AMB220 Advertising Theory And Practice  
 BSB113 Economics  
 Double Major/Extended Major/Specialisation Unit

**Year 2, Semester 2**

ITB114 Introduction to Network Technologies  
 ITB118 Systems Life Cycle  
 ITB227 Web Applications  
 ITB229 Information Systems Specification

**Year 3, Semester 1**

AMB221 Advertising Copywriting  
 BSB110 Accounting  
 Double Major/Extended Major/Specialisation Unit  
 Double Major/Extended Major/Specialisation Unit

**Year 3, Semester 2**

AMB222 Media Planning  
 AMB320 Advertising Management  
 Double Major/Extended Major/Specialisation Unit  
 Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 1**

ITB218 Applications Programming  
 ITB222 Business Systems Analysis  
 ITB232 Database Systems  
 IS Subject Area Unit

**Year 4, Semester 2**

ITB228 Enterprise Systems  
 IS Subject Area Unit  
 IS Subject Area Unit  
 IS Subject Area Unit

**Year 5, Semester 1**

AMB321 Advertising Campaigns

ITB240 Project (Information Systems)  
 IS Subject Area Unit  
 Double Major/Extended Major/Specialisation Unit

**Course structure - Banking & Finance**
**Year 1, Semester 1**

ITB111 Software Development 1  
 ITB113 Introduction to Computer Architecture and System Software  
 ITB115 Introduction to Databases  
 ITB116 Professional Studies 1

**Year 1, Semester 2**

BSB110 Accounting  
 BSB113 Economics  
 BSB114 Government, Business And Society  
 BSB122 Business Information Analysis And Communication

**Year 2, Semester 1**

BSB115 Management, People And Organisations  
 EFB101 Data Analysis For Business  
 EFB102 Economics 2  
 EFB210 Finance 1

**Year 2, Semester 2**

ITB114 Introduction to Network Technologies  
 ITB118 Systems Life Cycle  
 ITB229 Information Systems Specification  
 ITB227 Web Applications

**Year 3, Semester 1**

BSB126 Marketing  
 EFB201 Financial Markets  
 Double Major/Extended Major/Specialisation Unit  
 Double Major/Extended Major/Specialisation Unit

**Year 3, Semester 2**

EFB307 Finance 2  
 EFB312 International Finance And Economics  
 Double Major/Extended Major/Specialisation Unit  
 Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 1**

ITB218 Applications Programming  
 ITB222 Business Systems Analysis  
 ITB232 Database Systems  
 IS Subject Area Unit

**Year 4, Semester 2**

ITB228 Enterprise Systems  
 IS Subject Area Unit  
 IS Subject Area Unit  
 IS Subject Area Unit

**Year 5, Semester 1**

ITB240 Project (Information Systems)  
 IS Subject Area Unit  
 Double Major/Extended Major/Specialisation Unit  
 Double Major/Extended Major/Specialisation Unit

**Course structure - Economics**
**Year 1, Semester 1**

ITB111 Software Development 1  
 ITB113 Introduction to Computer Architecture and System Software  
 ITB115 Introduction to Databases  
 ITB116 Professional Studies 1

**Year 1, Semester 2**

BSB110 Accounting  
 BSB113 Economics  
 BSB114 Government, Business And Society  
 BSB122 Business Information Analysis And Communication

**Year 2, Semester 1**

BSB115 Management, People And Organisations  
 BSB126 Marketing  
 EFB101 Data Analysis For Business  
 EFB102 Economics 2

**Year 2, Semester 2**

ITB114 Introduction to Network Technologies  
 ITB118 Systems Life Cycle  
 ITB222 Business Systems Analysis  
 ITB229 Information Systems Specification

**Year 3, Semester 1**

EFB202 Business Cycles And Economic Growth  
 EFB211 Firms, Markets And Resources  
 Double Major/Extended Major/Specialisation Unit  
 Double Major/Extended Major/Specialisation Unit

**Year 3, Semester 2**

EFB314 International Trade And Economic Competitiveness

EFB323 Financial And Monetary Economics  
 Double Major/Extended Major/Specialisation Unit  
 Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 1**

ITB218 Applications Programming

ITB222

ITB232 Database Systems  
 IS Subject Area Elective Unit

**Year 4, Semester 2**

ITB228 Enterprise Systems  
 IS Subject Area Elective Unit  
 IS Subject Area Elective Unit  
 IS Subject Area Elective Unit

**Year 5, Semester 1**

ITB240 Project (Information Systems)  
 IS Subject Area Elective Unit  
 Double Major/Extended Major/Specialisation Unit  
 Double Major/Extended Major/Specialisation Unit

**Course structure - Electronic Business**

**Year 1, Semester 1**

ITB111 Software Development 1  
 ITB113 Introduction to Computer Architecture and System Software  
 ITB115 Introduction to Databases  
 ITB116 Professional Studies 1

**Year 1, Semester 2**

BSB110 Accounting  
 BSB114 Government, Business And Society  
 BSB122 Business Information Analysis And Communication  
 BSB126 Marketing

**Year 2, Semester 1**

BSB113 Economics  
 BSB115 Management, People And Organisations  
 BSB212 Electronic Business Applications  
 Double Major

**Year 2, Semester 2**

ITB114 Introduction to Network Technologies  
 ITB118 Systems Life Cycle  
 ITB227 Web Applications  
 ITB229 Information Systems Specification

**Year 3, Semester 1**

MGB334 Managing In A Changing Environment  
 Electronic Business Elective  
 Double Major  
 Double Major

**Year 3, Semester 2**

BSB213 Legal Issues In Electronic Business  
 BSB313 Business Strategy And Technology  
 Electronic Business Elective  
 Double Major

**Year 4, Semester 1**

ITB218 Applications Programming  
 ITB222 Business Systems Analysis  
 ITB232 Database Systems  
 IS Subject Area Elective Unit

**Year 4, Semester 2**

ITB228 Enterprise Systems  
 IS Subject Area Elective  
 IS Subject Area Elective  
 IS Subject Area Elective

**Year 5, Semester 1**

ITB240 Project (Information Systems)  
 IS Subject Area Elective  
 Double Major  
 Double Major

**Electronic Business Elective List:**

AMB230 Internet Promotion  
 AMB241 E-Marketing Strategies  
 AYB221 Computerised Accounting Systems  
 IBB223 Emerging Technologies And International Business  
 MGB216 Managing Technology, Innovation And Knowledge

**Course structure - Human Resource Management**

**Year 1, Semester 1**

ITB111 Software Development 1  
 ITB113 Introduction to Computer Architecture and System Software  
 ITB115 Introduction to Databases  
 ITB116 Professional Studies 1

**Year 1, Semester 2**

BSB113 Economics  
 BSB114 Government, Business And Society  
 BSB115 Management, People And Organisations  
 BSB122 Business Information Analysis And Communication

**Year 2, Semester 1**

BSB110 Accounting  
 MGB207 Human Resource Issues And Strategy  
 MGB220 Management Research Methods  
 MGB222 Managing Organisations

**Year 2, Semester 2**

ITB114 Introduction to Network Technologies  
 ITB118 Systems Life Cycle  
 ITB227 Web Applications  
 ITB229 Information Systems Specification

**Year 3, Semester 1**

BSB126 Marketing  
 MGB211 Organisational Behaviour  
 Double Major/Extended Major/Specialisation Unit  
 Double Major/Extended Major/Specialisation Unit

**Year 3, Semester 2**

MGB309 Strategic Management  
 Double Major/Extended Major/Specialisation Unit  
 Double Major/Extended Major/Specialisation Unit  
 Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 1**

ITB218 Applications Programming  
 ITB222 Business Systems Analysis  
 ITB232 Database Systems  
 IS Subject Area Elective Unit

**Year 4, Semester 2**

ITB228 Enterprise Systems  
 IS Subject Area Elective  
 IS Subject Area Elective  
 IS Subject Area Elective

**Year 5, Semester 1**

ITB240 Project (Information Systems)  
 IS Subject Area Elective  
 MGB314 Organisational Consulting And Change  
 Double Major/Extended Major/Specialisation Unit

**Course structure - International Business**

**Year 1, Semester 1**

ITB111 Software Development 1  
 ITB113 Introduction to Computer Architecture and System Software  
 ITB115 Introduction to Databases  
 ITB116 Professional Studies 1

**Year 1, Semester 2**

BSB114 Government, Business And Society  
 BSB115 Management, People And Organisations  
 BSB122 Business Information Analysis And Communication  
 BSB126 Marketing

**Year 2, Semester 1**

BSB110 Accounting  
 BSB113 Economics  
 IBB210 Export Management  
 Double Major/Extended Major/Specialisation Unit

**Year 2, Semester 2**

ITB114 Introduction to Network Technologies  
 ITB118 Systems Life Cycle  
 ITB227 Web Applications  
 ITB229 Information Systems Specification

**Year 3, Semester 1**

Area Study 1  
 Double Major/Extended Major/Specialisation Unit  
 Double Major/Extended Major/Specialisation Unit  
 Double Major/Extended Major/Specialisation Unit

**Year 3, Semester 2**

IBB202 Business And The World Economy  
 IBB211 Globalisation And Business  
 IBB300 International Business Strategy  
 Area Study 2

**Year 4, Semester 1**

ITB218 Applications Programming  
 ITB222 Business Systems Analysis  
 ITB232 Database Systems  
 IS Subject Area Elective Unit

**Year 4, Semester 2**

ITB228 Enterprise Systems

IS Subject Area Elective Unit  
IS Subject Area Elective Unit  
IS Subject Area Elective Unit

**Year 5, Semester 1**

ITB240 Project (Information Systems)  
IS Subject Area Elective Unit  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

**Area Study Units:**

IBB217 Asian Business Development  
IBB317 Contemporary Business In Asia  
OR  
IBB208 European Business Development  
IBB308 Contemporary Business In Europe

**Course structure - Management****Year 1, Semester 1**

ITB111 Software Development 1  
ITB113 Introduction to Computer Architecture and System Software  
ITB115 Introduction to Databases  
ITB116 Professional Studies 1

**Year 1, Semester 2**

BSB113 Economics  
BSB114 Government, Business And Society  
BSB115 Management, People And Organisations  
BSB122 Business Information Analysis And Communication

**Year 2, Semester 1**

BSB110 Accounting  
BSB126 Marketing  
MGB220 Management Research Methods  
MGB222 Managing Organisations

**Year 2, Semester 2**

ITB114 Introduction to Network Technologies  
ITB118 Systems Life Cycle  
ITB227 Web Applications  
ITB229 Information Systems Specification

**Year 3, Semester 1**

MGB210 Production And Service Management  
MGB211 Organisational Behaviour  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

**Year 3, Semester 2**

MGB309 Strategic Management  
MGB334 Managing In A Changing Environment  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 1**

ITB218 Applications Programming  
ITB222 Business Systems Analysis  
ITB232 Database Systems  
IS Subject Area Elective Unit

**Year 4, Semester 2**

ITB228 Enterprise Systems  
IS Subject Area Elective Unit  
IS Subject Area Elective Unit  
IS Subject Area Elective Unit

**Year 5, Semester 1**

ITB240 Project (Information Systems)  
IS Subject Area Elective Unit  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

**Course structure - Marketing****Year 1, Semester 1**

ITB111 Software Development 1  
ITB113 Introduction to Computer Architecture and System Software  
ITB115 Introduction to Databases  
ITB116 Professional Studies 1

**Year 1, Semester 2**

BSB114 Government, Business And Society  
BSB115 Management, People And Organisations  
BSB122 Business Information Analysis And Communication  
BSB126 Marketing

**Year 2, Semester 1**

AMB200 Consumer Behaviour  
AMB240 Marketing Planning And Management  
BSB113 Economics  
Double Major/Extended Major/Specialisation Unit

**Year 2, Semester 2**

ITB114 Introduction to Network Technologies  
ITB118 Systems Life Cycle  
ITB227 Web Applications  
ITB229 Information Systems Specification

**Year 3, Semester 1**

AMB201 Market And Audience Research  
AMB241 E-Marketing Strategies  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

**Year 3, Semester 2**

AMB341 Strategic Marketing  
BSB110 Accounting  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 1**

ITB218 Applications Programming  
ITB222 Business Systems Analysis  
ITB232 Database Systems  
IS Subject Area Unit

**Year 4, Semester 2**

ITB228 Enterprise Systems  
IS Subject Area Unit  
IS Subject Area Unit  
IS Subject Area Unit

**Year 5, Semester 1**

AMB340 Services Marketing  
ITB240 Project (Information Systems)  
IS Subject Area Unit  
Double Major/Extended Major/Specialisation Unit

**Course structure - Public Relations****Year 1, Semester 1**

ITB111 Software Development 1  
ITB113 Introduction to Computer Architecture and System Software  
ITB115 Introduction to Databases  
ITB116 Professional Studies 1

**Year 1, Semester 2**

BSB114 Government, Business And Society  
BSB115 Management, People And Organisations  
BSB122 Business Information Analysis And Communication  
BSB126 Marketing

**Year 2, Semester 1**

AMB201 Market And Audience Research  
AMB260 Public Relations Theory And Practice  
BSB113 Economics  
Double Major/Extended Major/Specialisation Unit

**Year 2, Semester 2**

ITB114 Introduction to Network Technologies  
ITB118 Systems Life Cycle  
ITB227 Web Applications  
ITB229 Information Systems Specification

**Year 3, Semester 1**

AMB261 Public Relations Writing  
AMB262 Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

**Year 3, Semester 2**

AMB360 Corporate Communication Management  
BSB110 Accounting  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 1**

ITB218 Applications Programming  
ITB222 Business Systems Analysis  
ITB232 Database Systems  
IS Subject Area Unit

**Year 4, Semester 2**

ITB228 Enterprise Systems  
IS Subject Area Unit  
IS Subject Area Unit  
IS Subject Area Unit

**Year 5, Semester 1**

AMB361 Public Relations Campaigns  
ITB240 Project (Information Systems)  
IS Subject Area Unit  
Double Major/Extended Major/Specialisation Unit

## ■ Bachelor of Creative Industries (Communication Design)/Bachelor of Information Technology (IF90)

**Award title:** Bachelor of Creative Industries (Communication Design)/Bachelor of Information Technology

**CRICOS code:** 040317C

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 4 years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Debra Polson (Comm Design); Dr Alan Tickle (Info Tech)

### Professional Recognition

Graduates of the Bachelor of Information Technology component meet the knowledge requirements for admission to the Australian Computer Society (ACS).

### Course structure

#### Year 1, Semester 1

KIB801	Foundations Of Communication Design 1
KIB807	Media Technology 1
ITB111	Software Development 1
ITB113	Introduction to Computer Architecture and System Software

#### Year 1, Semester 2

KIB802	Foundations Of Communication Design 2
KIB808	Media Technology 2
ITB112	Software Development 2
ITB115	Introduction to Databases

#### Year 2, Semester 1

KIB814	Applications Of Design Technology
KIB816	Interactive Writing
ITB114	Introduction to Network Technologies
ITB118	Systems Life Cycle

#### Year 2, Semester 2

KIB803	Temporal Media
ITB229	Information Systems Specification
ITB421	Software Development 3
ITB524	Networking

#### Year 3, Semester 1

KMB626	Music And Sound For Multimedia
KIB804	3-D Animation 1
KIB809	Interaction Design 1
ITB640	

#### Year 3, Semester 2

KIB810	Information Architecture
ITB441	Graphics
ITB424	Software Engineering Principles
ITB448	Object Technology

#### Year 4, Semester 1

KIB805	Design Project A
KIB860	Project
ITB460	Software Engineering And Games Design Communication Design Elective

#### Year 4, Semester 2

KKB055	Professional Practice
KIB860	Project Communication Design Elective Information Technology Elective

### Communication Design Electives

#### Semester 1

KIB815	Interaction Design 2
KIB817	Project Management
KIB819	Electronic Publishing
KIB820	3-D Animation 2
KIB825	History Of Animation

#### Semester 2

KIB817	Project Management
KIB819	Electronic Publishing
KIB821	Virtual Reality
KIB825	History Of Animation

## ■ Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93)

**Award title:** Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws

**CRICOS code:** 040289B

**Location:** Gardens Point

**Course duration (full-time):** 5 Years

**Total credit points:** 528

**Standard credit points per semester (full-time):** 48 (Semesters 3, 4, 5, 6, 9, 10) 60 (Semesters 1, 2, 7, 8)

**Course coordinator:** Law - Director, Undergraduate Programs, Creative Writing - Ms Donna Brien

### Professional Recognition

The law degree component covers all the law units required for admission as a legal practitioner in Australia and is approved for the purposes of the Solicitors' and Barristers' Admission Rules.

### Career Opportunities

Graduates will work as lawyers in all fields, or with a specialisation in the publishing industry, or as creative writers, editors or publishers in all media.

### Course structure

#### Year 1, Semester 1

KWB250	Introduction To Creative Writing
KWB111	Media Writing Creative Industries Core Unit Introduction to Legal Research
LWB141	Legal Institutions And Method
LWB142	Law, Society And Justice

#### Year 1, Semester 2

KWB350	Creative Writing: Short Story Creative Industries Core Unit
LWB143	Legal Research And Writing
LWB144	Laws And Global Perspectives Select one of the following:
KWB315	Persuasive Writing
KWB314	Corporate Writing And Editing

#### Year 2, Semester 1

KWB229	Film And Television Scriptwriting Creative Industries Elective
LWB136	Contracts A Select one of the following:
KWB315	Persuasive Writing
KJB322	Desktop Publishing And Editing

#### Year 2, Semester 2

KWB380	Creative Nonfiction: Life Writing Creative Industries Elective
LWB137	Contracts B Select one of the following:
KWB314	Corporate Writing And Editing
KWB712	Youth Writing

#### Year 3, Semester 1

KWB370	Electronic Creative Writing
KWB381	Creative Nonfiction: Arts, Humour, Travel
LWB138	Fundamentals Of Torts
LWB238	Fundamentals Of Criminal Law

#### Year 3, Semester 2

KWB399	The Writing And Publishing Industry
KWB395	Creative Writing Project 1 [12cp]
LWB139	Select Issues In Torts
LWB239	Criminal Responsibility

#### Year 4, Semester 1

LWB231	Introduction To Public Law
LWB236	Real Property A
LWB240	Principles Of Equity
LWB332	Commercial And Personal Property Law
LWB333	Theories Of Law

#### Year 4, Semester 2

LWB235	Australian Federal Constitutional Law
LWB237	Real Property B
LWB241	Trusts
LWB331	Administrative Law
LWB334	Corporate Law

**Year 5, Semester 1**

LWB431	Civil Procedure
LWB432	Evidence
LWB434	Advanced Research And Legal Reasoning Law Elective Units

**Year 5, Semester 2**

LWB433	Professional Responsibility Law Elective Units x 5
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**List A: Creative Industries Core Units**

KKB018	Creative Industries
KKB218	Creativity
KKB418	Transforming Cultures
KKB618	Writing For Creative Industries
KKB818	Introduction To Multimedia Technology

**Creative Industries Faculty Elective List for 2003**

These unit offerings are current at the time of publication but are subject to change. Creative Industries students may choose elective units from the following list OR from outside the Faculty area subject to the following guidelines:

- students cannot select a unit that forms part of the compulsory units of their course or the compulsory units of their chosen submajor area.
- students must obey any elective rules as set out in their course summary sheet
- students must have successfully completed any pre/co-requisite units applicable
- the offering of elective units is subject to sufficient student enrolment numbers and staff availability
- some units are subject to quota restrictions

**Semester 1**

KCB140	Media And Society: From Printing Press To Internet
KCB295	Virtual Cultures
KDB125	Deconstructing Dance In History
KDX104	Architecture Of The Body
KIB814	Applications Of Design Technology
KIB816	Interactive Writing
KIB811	Visual Interactions
KIB819	Electronic Publishing
KIB825	History Of Animation
KJB101	Journalism Information Systems
KJB120	Newswriting
KKB818	Introduction To Multimedia Technology
KMB631	World Music
KMB640	Sex Drugs Rock N Roll
KPB118	Fundamentals Of Photography
KPB130	Media Text Analysis
KPB233	Television Cultures
KPB141	Film And Television Language
KPB343	Australian Film
KSB259	The Performance Instrument: Body And Voice
KTB208	Elements Of Drama
KSB278	Technical Theatre
KTB061	Arts Business Management
KTB208	Elements Of Drama
KTB253	Staging Australia
KTB275	Understanding Performance
KVB444	Contemporary Asian Visual Culture
KVB447	Drawing
KVB457	Sculpture
KVB507	Painting
KVB702	Australian And Indigenous Art
KVB712	Contemporary Art Issues
KVB503	Clay Materials
KVB509	Photographic Media
KWB111	Media Writing
KWB250	Introduction To Creative Writing
KWB350	Creative Writing: Short Story
KWB625	American Stories
KWB716	Introduction To Literary And Cultural Studies
KWB315	Persuasive Writing
KWB321	Body Matters
KWB724	Wonderlands: Literature And Culture In The 19th Century
KWB381	Creative Nonfiction: Arts, Humour, Travel

**Semester 2**

KCB204	Globalisation And New Media
KPB344	International Cinema
KCB336	New Media Technologies
KDB106	The Analysis Of Modern Dance

KDB114	Australian Dance
KDB172	World Dance
KDB176	Popular Dance Styles
KIB814	Applications Of Design Technology
KIB819	Electronic Publishing
KIB813	Contemporary Issues In Technology Design
KKB818	Introduction To Multimedia Technology
KJB101	Journalism Information Systems
KJB120	Newswriting
KMB640	Sex Drugs Rock N Roll
KPB118	Fundamentals Of Photography
KPB209	Australian Television
KPB305	American Film: Genres and Directors
KPB358	Documentary Theory And Practice
KPB359	Film History
KPB344	International Cinema
KSB276	Visual Theatre - Design
KSB278	Technical Theatre
KTB062	Arts Event Promotion And Public Relations
KTB251	20th Century Stages
KVB447	Drawing
KVB457	Sculpture
KVB507	Painting
KVB701	Modernism
KVB703	Video Art And Culture
KVB704	Theories Of Spatial Culture
KVB503	Clay Materials
KVB509	Photographic Media
KWB111	Media Writing
KWB315	Persuasive Writing
KWB350	Creative Writing: Short Story
KWB314	Corporate Writing And Editing
KWB380	Creative Nonfiction: Life Writing
KWB315	Persuasive Writing
KWB321	Body Matters
KWB729	Shakespeare, Then And Now
KWB350	Creative Writing: Short Story
KWB380	Creative Nonfiction: Life Writing
KWB725	Popular Fictions, Popular Culture

## ■ Bachelor of Creative Industries (Dance)/Bachelor of Education (Secondary) (IF75)

**Award title:** Bachelor of Creative Industries (Dance)/Bachelor of Education

**CRICOS code:** 040314F

**Location:** Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 54 (average)

**Course coordinator:** Education Coordinator: Dr Gordon Tait;  
Creative Industries: Mr Evan Jones

**Note**

Restricted intake in 2003.

The Bachelor of Creative Industries (Dance)/Bachelor of Education (Secondary) IF75 course has been replaced by a newly coded Bachelor of Creative Industries (Dance)/Bachelor of Education (Secondary) IX05 course with effect from 2003. There will be no new intake into this course in 2003 with the exception of students commencing their studies with significant advanced standing from previous tertiary level study.

**Course Structure**

Students are required to complete 240 credit points in units offered by the Faculty of Arts plus 192 credit points in units offered by the Faculty of Education. The following four Education units are taken over the first five semesters: Language, Technology and Education; Teaching and Learning Studies I: Teaching in New Times; Human Development and Education; and Psychology of Teaching and Learning. Second Teaching areas which may be studied are Drama, Music, Visual Arts, English, Film and Media (limited places), Geography, History and LOTE. In the final semester, students may undertake the



Middle Years of Schooling Pathway developing the knowledge, skills and understanding required to participate fully in the middle schooling reform movement.

### Dance with STA other than Drama, VisArts, Music, LOTE

#### Year 2, Semester 1

- KDB117 Dance In Education  
 KDB182 Dance Technique Studies 3  
 KDB125 Deconstructing Dance In History  
 KDX144 Choreographic Studies 2  
 Second Teaching Area (List C)

#### Year 2, Semester 2

- KDB183 Dance Technique Studies 4  
 KDB106 The Analysis Of Modern Dance  
 Second Teaching Area (List C)  
 Choose two of the following units:

- KDB172 World Dance  
 KDX145 Choreographic Studies 3  
 KDB176 Popular Dance Styles  
 KDB221 Integrated Professional Skills

#### Year 3, Semester 1

- KDB117 Dance In Education  
 Second Teaching Area (List C)  
 Education Unit (See Faculty of Education Component - recommended SPB002)  
 Education Unit (See Faculty of Education component - recommended CLB341)  
 Choose one of the following units:

- KDB171 Theatre Dance Styles  
 KSB011 Music Theatre Skills  
 KDX104 Architecture Of The Body

### Dance with STA in Drama

#### Year 2, Semester 1

- KDB182 Dance Technique Studies 3  
 KDX144 Choreographic Studies 2  
 KDB125 Deconstructing Dance In History  
 KDB117 Dance In Education  
 KTB214 Process Drama

#### Year 2, Semester 2

- KDB183 Dance Technique Studies 4  
 KDB106 The Analysis Of Modern Dance  
 KTB280 Drama As Social Action  
 KTB304 Forming Knowledge  
 Choose one of the following units:

- KDB172 World Dance  
 KDX145 Choreographic Studies 3  
 KDB176 Popular Dance Styles  
 KDB221 Integrated Professional Skills

#### Year 3, Semester 1

- KDB117 Dance In Education  
 Second Teaching Area (List C)  
 Education Unit (See Faculty of Education Component - recommended SPB002)  
 Education Unit (See Faculty of Education component - recommended CLB341)  
 Choose one of the following units:

- KDB171 Theatre Dance Styles  
 KSB011 Music Theatre Skills  
 KDX104 Architecture Of The Body

### Dance with STA in Visual Arts

#### Year 2, Semester 1

- KDB182 Dance Technique Studies 3  
 KDX144 Choreographic Studies 2  
 KDB117 Dance In Education  
 KDB125 Deconstructing Dance In History  
 Choose two of the following units

- KVB447 Drawing  
 KVB457 Sculpture  
 KVB503 Clay Materials  
 KVB507 Painting  
 KVB509 Photographic Media  
 OR

- KVB702 Australian And Indigenous Art

#### Year 2, Semester 2

- KDB183 Dance Technique Studies 4  
 KDB106 The Analysis Of Modern Dance

- Choose one of the following units:  
 KDX145 Choreographic Studies 3  
 KDB172 World Dance  
 KDB176 Popular Dance Styles  
 KDB221 Integrated Professional Skills  
 Choose two of the following units:

- KVB447 Drawing  
 KVB457 Sculpture  
 KVB503 Clay Materials  
 KVB507 Painting  
 KVB509 Photographic Media

#### Year 3, Semester 1

- KDB117 Dance In Education  
 Second Teaching Area (List C)  
 Education Unit (See Faculty of Education Component - recommended SPB002)  
 Education Unit (See Faculty of Education component - recommended CLB341)  
 Choose one of the following units:

- KDB171 Theatre Dance Styles  
 KSB011 Music Theatre Skills  
 KDX104 Architecture Of The Body

### Dance with STA in Music

#### Year 2, Semester 1

- KDB182 Dance Technique Studies 3  
 KDX144 Choreographic Studies 2  
 KDB117 Dance In Education  
 KDB125 Deconstructing Dance In History  
 Music Elective

#### Year 2, Semester 2

- KDB183 Dance Technique Studies 4  
 KDB106 The Analysis Of Modern Dance  
 Music Elective  
 Music Elective  
 Choose one of the following units:

- KDX145 Choreographic Studies 3  
 KDB172 World Dance  
 KDB176 Popular Dance Styles  
 KDB221 Integrated Professional Skills

#### Year 3, Semester 1

- KDB117 Dance In Education  
 Second Teaching Area (List C)  
 Education Unit (See Faculty of Education Component - recommended SPB002)  
 Education Unit (See Faculty of Education component - recommended CLB341)  
 Choose one of the following units:

- KDB171 Theatre Dance Styles  
 KSB011 Music Theatre Skills  
 KDX104 Architecture Of The Body

### Dance with STA in LOTE

#### Year 2, Semester 1

- KDB182 Dance Technique Studies 3  
 KDX144 Choreographic Studies 2  
 KDB125 Deconstructing Dance In History  
 KDB117 Dance In Education  
 Second Teaching Area Unit (List C)

#### Year 2, Semester 2

- KDB183 Dance Technique Studies 4  
 KDB106 The Analysis Of Modern Dance  
 Second Teaching Area Unit (List C)  
 Choose one of the following two units

- KDB172 World Dance  
 KDX145 Choreographic Studies 3  
 KDB176 Popular Dance Styles  
 KDB221 Integrated Professional Skills

#### Year 3, Semester 1

- CI Faculty Core Unit or Education Unit  
 Education Unit (See Faculty of Education component - recommended SPB002)  
 Education Unit (See Faculty of Education Component - recommended CLB341)

- KDB117 Dance In Education  
 Dance Elective  
 Choose one of the following units:

- KDB171 Theatre Dance Styles  
 KSB011 Music Theatre Skills

KDX104 Architecture Of The Body

### List A Creative Industries Core Units

See Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93) for details.

### List B - Drama Electives

KTB258 Studies In Acting 2  
 KSB259 The Performance Instrument: Body And Voice  
 KSB278 Technical Theatre  
 KTB252 The Sound Of Theatre  
 KTB253 Staging Australia

### List C. Second Teaching Area Units

#### English

(48 credit points) Required Unit:

CLB320 Studies In Language  
 Up to 12 credit points from Introductory Level Units:  
 KCB140 Media And Society: From Printing Press To Internet  
 KWB716 Introduction To Literary And Cultural Studies  
 No less than 24 credit points from Advanced Level Units:  
 CLB322 Literature In Teaching  
 CLB323 Teaching Adolescent Literature  
 KWB625 American Stories  
 KWB710 Ozlit  
 KWB712 Youth Writing  
 KWB724 Wonderlands: Literature And Culture In The 19th Century  
 KWB725 Popular Fictions, Popular Culture  
 KWB729 Shakespeare, Then And Now  
 KWB730 Texts, Meanings And Criticisms

#### History

Up to 24 credit points from Introductory Units:

HHB121 Interpreting The Past  
 HHB122 Colonialism And Independence In Asia Pacific  
 No less than 24 credit points from Advanced Units:  
 HHB238 Asian Cultures And Societies  
 HHB245 Australia And The South Pacific  
 HHB315 Sex And Drugs In South East Asia  
 HHB248 The USA And The Asia Pacific Region  
 HHB259 War And Revolution In Europe 1914-1945  
 HHB253 Conspiracy And Dissent In Australian History  
 HHB256 Europe Since 1945  
 HHB260 Nations And Nationalism In Modern Europe  
 HHB109 Australian Historical Studies  
 Korean Culture and Societies

#### Geography (48 credit points)

Up to 24 credit points from introductory units:

HHB227 Environment And Society  
 HHB107 World Regions  
 HHB228 Environmental Hazards  
 HHB251 Australian Resource Management  
 No less than 24 credit points from Advanced units:  
 HHB250 Australian Geographical Studies  
 HHB229 Windows On Japan  
 HHB269 Ethics, Technology And The Environment

#### Languages Other than English (LOTE)

Indonesian

HHB073 Indonesian 3  
 HHB074 Indonesian 4  
 HHB075 Indonesian 5  
 HHB076 Indonesian 6

Japanese

HHB083 Japanese 3  
 HHB084 Japanese 4  
 HHB085 Japanese 5  
 HHB086 Japanese 6

French

HHB063 French 3  
 HHB064 French 4  
 HHB065 French 5  
 HHB066 French 6

German

HHB093 German 3  
 HHB094 German 4  
 HHB095 German 5  
 HHB096 German 6

#### Film & Media (48 Credit Points)

Units from FTV Production

KWB111 Media Writing

KPB141 Film And Television Language  
 KPB155 Media Production  
 KPB260 Community And Educational Video  
 KPB314 Media Business  
 KPB118 Fundamentals Of Photography  
 OR

KPB358 Documentary Theory And Practice  
 Plus two units from the following Screen Studies Units

KPB130 Media Text Analysis  
 KPB209 Australian Television  
 KPB233 Television Cultures  
 KPB343 Australian Film  
 KPB147 Film And Television Genres  
 KPB305 American Film: Genres and Directors  
 KPB307 Feminist Screen Studies  
 KPB359 Film History  
 KPB344 International Cinema  
 KPB311 Asian Film And Media

### Education Component

#### Course Structure

EDB001, SPB001, SPB002 and CLB341 must be completed in the first five semesters of the course.

EDB001 Teaching and Learning Studies 1: Teaching in New Times  
 SPB001 Human Development And Education  
 SPB002 Psychology Of Learning And Teaching  
 CLB341 Language, Technology And Education

#### Year 3, Semester 2

EDB450 Secondary Professional Practice 1: Classroom Management  
 EDB451 Secondary Professional Practice 2: Curriculum Decision Making

KDB421 Dance Curriculum Studies 1  
 Curriculum Studies 1 (Second Teaching Area)

#### Year 4, Semester 1

CLB306 Understanding Educational Practices  
 EDB452 Secondary Professional Practice 3: The Inclusive Curriculum  
 KDB429 Dance Curriculum Studies 2  
 Curriculum Studies 2 (Second Teaching Area)

#### Year 4, Semester 2

EDB453 Secondary Professional Practice 4: The Beginning Teacher  
 Education Studies Elective (See List 3)  
 Education Studies Elective (See List 3)  
 Curriculum Studies Elective (See List 4)

#### Alternative Year 4, Semester 2: Middle Years Pathway

EDB443 Professional Internship Of Associate Teaching  
 SPB008 The Middle Years Of Schooling  
 SPB022 The Middle Years Curriculum  
 EDB453 Secondary Professional Practice 4: The Beginning Teacher

### Curriculum Studies - Second Teaching Area

#### Curriculum Studies 1

KTB414 Drama Curriculum Studies 1  
 KMP423 Music Curriculum Studies 1  
 CLB325 English Curriculum Studies 1  
 CLB327 Film And Media Curriculum Studies 1  
 CLB361 Geography Curriculum Studies 1  
 CLB363 History Curriculum Studies 1  
 CLB329 LOTE Curriculum Studies 1  
 KVB412 Art Curriculum Studies 1

#### Curriculum Studies 2

KTB415 Drama Curriculum Studies 2  
 KMP431 Music Curriculum Studies 2  
 CLB326 English Curriculum Studies 2  
 CLB328 Film And Media Curriculum Studies 2  
 CLB362 Geography Curriculum Studies 2  
 CLB364 History Curriculum Studies 2  
 CLB330 LOTE Curriculum Studies 2  
 KVB413 Art Curriculum Studies 2

### Education Studies Elective Units

See Bachelor of Applied Science/Bachelor of Education (Secondary) (IF71) for details.

### Curriculum Studies Electives

See Bachelor of Applied Science/Bachelor of Education (Secondary) (IF71) for details.

## ■ Bachelor of Creative Industries (Dance)/Bachelor of Education (Secondary) (IX05)

**Award title:** Bachelor of Creative Industries (Dance)/Bachelor of Education

**Location:** Kelvin Grove and Carseldine

**Course duration (full-time):** 4 years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 54 (average)

**Course coordinator:** Education Coordinator: Dr Gordon Tait;  
Creative Industries: Mr Evan Jones

### Course Structure

Students are required to complete 192 credit points in units offered by the Creative Industries Faculty plus 192 credit points in units offered by the Faculty of Education. Students are also required to complete 48 credit points within the Second Teaching areas which may be selected from Drama, Music, Visual Arts, English, Film and Media (limited places), Geography, History and LOTE.

### Dance with STA other than Drama, VisArts, Music, LOTE

#### Year 1, Semester 1

Creative Industries Core Unit - List A  
KDB180 Dance Technique Studies 1  
KDX104 Architecture Of The Body  
KDB171 Theatre Dance Styles  
Second Teaching Area Unit

#### Year 1, Semester 2

Creative Industries Core Unit - List A  
KDX143 Choreographic Studies 1  
KDB114 Australian Dance  
Second Teaching Area Unit  
Select one of the following units:  
KDB181 Dance Technique Studies 2  
KDB172 World Dance  
KDB176 Popular Dance Styles

#### Year 2, Semester 1

KDB182 Dance Technique Studies 3  
KDX144 Choreographic Studies 2  
KDB125 Deconstructing Dance In History  
KDB117 Dance In Education  
Second Teaching Area Unit

#### Year 2, Semester 2

KDB183 Dance Technique Studies 4  
KDB106 The Analysis Of Modern Dance  
Second Teaching Area Unit  
Select one of the following two units  
KDB172 World Dance  
KDB176 Popular Dance Styles  
KDX145 Choreographic Studies 3  
KDB221 Integrated Professional Skills

### Dance with STA in Drama

#### Year 1, Semester 1

Creative Industries Core Unit - List A  
KDB180 Dance Technique Studies 1  
KDX104 Architecture Of The Body  
KDB125 Deconstructing Dance In History  
KTB257 Studies In Acting 1

#### Year 1, Semester 2

Creative Industries Core Unit - List A  
KDX143 Choreographic Studies 1  
KDB114 Australian Dance  
KTB251 20th Century Stages  
Choose one of the following two units  
KDB181 Dance Technique Studies 2  
KDB172 World Dance  
KDB176 Popular Dance Styles

#### Year 2, Semester 1

KDB182 Dance Technique Studies 3  
KDX144 Choreographic Studies 2  
KDB117 Dance In Education  
KTB253 Staging Australia  
KTB214 Process Drama

#### Year 2, Semester 2

KDB183 Dance Technique Studies 4  
KDB106 The Analysis Of Modern Dance  
KTB280 Drama As Social Action  
KTB304 Forming Knowledge  
Select one of the following units:  
KDB172 World Dance  
KDX145 Choreographic Studies 3  
KDB176 Popular Dance Styles  
KDB221 Integrated Professional Skills

### Dance with STA in LOTE

#### Year 1, Semester 1

Creative Industries Core Unit - List A  
KDB180 Dance Technique Studies 1  
KDX104 Architecture Of The Body  
KDB171 Theatre Dance Styles  
Second Teaching Area Unit

#### Year 1, Semester 2

Creative Industries Core Unit - List A  
KDX143 Choreographic Studies 1  
KDB114 Australian Dance  
Second Teaching Area - List D  
Choose one of the following units:  
KDB172 World Dance  
KDB176 Popular Dance Styles  
KDB181 Dance Technique Studies 2

#### Year 2, Semester 1

KDB182 Dance Technique Studies 3  
KDX144 Choreographic Studies 2  
KDB125 Deconstructing Dance In History  
KDB117 Dance In Education  
Second Teaching Area - List D

#### Year 2, Semester 2

KDB183 Dance Technique Studies 4  
KDB106 The Analysis Of Modern Dance  
Second Teaching Area - List D  
Choose two of the following units  
KDB172 World Dance  
KDX145 Choreographic Studies 3  
KDB176 Popular Dance Styles  
KDB221 Integrated Professional Skills

### Dance with STA in Music

#### Year 1, Semester 1

Creative Industries Core Unit - List A  
KDB180 Dance Technique Studies 1  
KDX104 Architecture Of The Body  
KDB125 Deconstructing Dance In History  
KMB632 Core Musicianship 1

#### Year 1, Semester 2

Creative Industries Core Unit - List A  
KDX143 Choreographic Studies 1  
KDB114 Australian Dance  
KMB633 Core Musicianship 2  
Choose one of the following two units  
KDB181 Dance Technique Studies 2  
KDB172 World Dance  
KDB176 Popular Dance Styles

#### Year 2, Semester 1

KDB182 Dance Technique Studies 3  
KDX144 Choreographic Studies 2  
KDB117 Dance In Education  
KMB637 Jazz And Popular Music Musicianship  
Music Elective

#### Year 2, Semester 2

KDB183 Dance Technique Studies 4  
KDB106 The Analysis Of Modern Dance  
KMB634 Contemporary Art Music Musicianship  
Music Elective  
Choose one of the following units:  
KDX145 Choreographic Studies 3  
KDB172 World Dance  
KDB176 Popular Dance Styles  
KDB221 Integrated Professional Skills

### Dance with STA in Visual Arts

#### Year 1, Semester 1

Creative Industries Core Unit - List A

KDB180 Dance Technique Studies 1  
 KDX104 Architecture Of The Body  
 KDB125 Deconstructing Dance In History  
 Choose one of the following units:  
 KVB447 Drawing  
 KVB457 Sculpture  
 KVB503 Clay Materials  
 KVB507 Painting  
 KVB509 Photographic Media

**Year 1, Semester 2**

Creative Industries Core Unit - List A  
 KDX143 Choreographic Studies 1  
 KDB114 Australian Dance  
 KVB701 Modernism  
 Select one of the following units:  
 KDB181 Dance Technique Studies 2  
 KDB172 World Dance  
 KDB176 Popular Dance Styles

**Year 2, Semester 1**

KDB182 Dance Technique Studies 3  
 KDX144 Choreographic Studies 2  
 KDB117 Dance In Education  
 KVB702 Australian And Indigenous Art  
 Choose one of the following units:  
 KVB447 Drawing  
 KVB457 Sculpture  
 KVB503 Clay Materials  
 KVB507 Painting  
 KVB509 Photographic Media

**Year 2, Semester 2**

KDB183 Dance Technique Studies 4  
 KDB106 The Analysis Of Modern Dance  
 Choose one of the following units:  
 KDX145 Choreographic Studies 3  
 KDB172 World Dance  
 KDB176 Popular Dance Styles  
 KDB221 Integrated Professional Skills  
 Choose two of the following units:  
 KVB447 Drawing  
 KVB457 Sculpture  
 KVB503 Clay Materials  
 KVB507 Painting  
 KVB509 Photographic Media

**List A Creative Industries Core Units**

See Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93) for details.

**List B - Drama Electives**

KTB258 Studies In Acting 2  
 KSB259 The Performance Instrument: Body And Voice  
 KSB278 Technical Theatre  
 KTB252 The Sound Of Theatre  
 KTB253 Staging Australia

**Education Component**

**Year 3, Semester 1**

EDB002 Teaching and Learning Studies II: Development and Learning  
 EDB031 Secondary Field Studies I: Development and Learning in the Field  
 KDB201 Dance Curriculum Studies 1  
 Curriculum Studies 1Y

**Year 3, Semester 2**

EDB003 Teaching and Learning Studies III: Practising Education  
 EDB032 Secondary Field Studies II: Practising Education in the Field  
 KDB202 Dance Curriculum Studies 2  
 Curriculum Studies 2Y

**Year 4, Semester 1**

EDB004 Teaching and Learning Studies IV: Inclusive Education  
 EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices  
 KDB203 Dance Curriculum Studies 3  
 Curriculum Studies 3Y

**Year 4, Semester 2**

EDB005 Teaching and Learning Studies V: Professional Work of Teachers  
 EDB034 Secondary Field Studies VI: Professional Work of Teachers: Induction into the Field  
 EDB035 Internship (Secondary)

Education Elective

**Curriculum Studies - Second Teaching Area**

**Curriculum Studies 1**

KVB301 Art Curriculum Studies 1  
 KTB201 Drama Curriculum Studies 1  
 CLB018 English Curriculum Studies 1  
 CLB024 Film and Media Curriculum Studies 1  
 CLB027 Geography Curriculum Studies 1  
 CLB030 History Curriculum Studies 1  
 CLB036 LOTE Curriculum Studies 1  
 KMB201 Music Curriculum Studies 1

**Curriculum Studies 2**

KVB302 Art Curriculum Studies 2  
 KTB202 Drama Curriculum Studies 2  
 CLB019 English Curriculum Studies 2  
 CLB025 Film and Media Curriculum Studies 2  
 CLB028 Geography Curriculum Studies 2  
 CLB031 History Curriculum Studies 2  
 CLB037 LOTE Curriculum Studies 2  
 KMB202 Music Curriculum Studies 2

**Curriculum Studies 3**

KVB303 Art Curriculum Studies 3  
 KTB203 Drama Curriculum Studies 3  
 CLB020 English Curriculum Studies 3  
 CLB026 Film and Media Curriculum Studies 3  
 CLB029 Geography Curriculum Studies 3  
 CLB032 History Curriculum Studies 3  
 CLB038 LOTE Curriculum Studies 3  
 KMB203 Music Curriculum Studies 3

**■ Bachelor of Creative Industries (Drama)/Bachelor of Education (Secondary) (IF76)**

**Award title:** Bachelor of Creative Industries (Drama)/Bachelor of Education

**CRICOS code:** 040315E

**Location:** Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 54 (average)

**Course coordinator:** Education: Dr Gordon Tait, Creative Industries: (Acting) Ms Christine Comans; Ms Judith McLean

**Note**

Restricted intake in 2003.

The Bachelor of Creative Industries (Drama)/Bachelor of Education (Secondary) IF76 course has been replaced by a newly coded Bachelor of Creative Industries (Drama)/Bachelor of Education (Secondary) IX06 course with effect from 2003. There will be no new intake into this course in 2003 with the exception of students commencing their studies with significant advanced standing from previous tertiary level study.

**General**

This four-year double degree qualifies students to teach Drama in schools in Australia and overseas. In the first two years students undertake units in Drama, blending practice with theoretical concepts strongly focused on developing artistic, organisational and communication skills. In addition to Drama, students study a second teaching area selected from Dance, Music, Visual Art, English, Film and Media Studies, Geography, History and Languages. In the second two years, students concentrate on teacher preparation, equipping students, through drama curriculum units, with the skills necessary to be effective drama educators.

**Drama with STA other than Dance, Music, Visual Arts and LOTE**

**Year 1, Semester 1**

Creative Industries Faculty Core Unit - List A  
 KTB257 Studies In Acting 1  
 KSB259 The Performance Instrument: Body And Voice  
 Education Unit (See Faculty of Education Component)

**Year 1, Semester 2**

KTB251 20th Century Stages  
 KTB271 Studies In Directing  
 KTB273 Performance 1  
 KTB278 Technical Theatre  
 Second Teaching Area Unit - List C

**Year 2, Semester 1**

Creative Industries Core Unit - List A  
 KTB214 Process Drama  
 KTB308 Performance 2  
 Education Unit (See Faculty of Education Component)  
 Second Teaching Area Unit (List C)

**Year 2, Semester 2**

KTB272 Drama And Community Cultural Development  
 KTB280 Drama As Social Action  
 KTB304 Forming Knowledge  
 Elective  
 Second Teaching Area - List C

**Year 3, Semester 1**

Education Unit (See Faculty of Education Component)  
 Education Unit (See Faculty of Education Component)  
 KTB253 Staging Australia  
 Elective  
 Second Teaching Area - List C

**Drama with STA in Dance**

**Year 1, Semester 1**

Creative Industries Core Unit - List A  
 KTB257 Studies In Acting 1  
 KSB259 The Performance Instrument: Body And Voice  
 Education Unit (See Faculty of Education Component)

**Year 1, Semester 2**

Creative Industries Core Unit - List A  
 KDB114 Australian Dance  
 KTB251 20th Century Stages  
 KTB271 Studies In Directing  
 KTB273 Performance 1

**Year 2, Semester 1**

KDX104 Architecture Of The Body  
 KDB180 Dance Technique Studies 1  
 KTB214 Process Drama  
 KTB308 Performance 2  
 Education Unit (See Faculty of Education Component)

**Year 2, Semester 2**

KDB106 The Analysis Of Modern Dance  
 KDX143 Choreographic Studies 1  
 KTB272 Drama And Community Cultural Development  
 KTB280 Drama As Social Action  
 KTB304 Forming Knowledge

**Year 3, Semester 1**

Education Unit (See Faculty of Education Component)  
 Education Unit (See Faculty of Education Component)  
 KDB117 Dance In Education  
 Elective - List B  
 KSB278 Technical Theatre

**Drama with STA in Music**

**Year 1, Semester 1**

Creative Industries Core Unit - List A  
 KTB257 Studies In Acting 1  
 KSB259 The Performance Instrument: Body And Voice  
 KMB619 Music And Sound Technology  
 Education Unit (See Faculty of Education Component)

**Year 1, Semester 2**

Creative Industries Core Unit - List A  
 KTB251 20th Century Stages  
 KTB271 Studies In Directing  
 KTB273 Performance 1  
 KMB621 Sound Recording And Acoustics

**Year 2, Semester 1**

KTB214 Process Drama  
 KTB308 Performance 2  
 KMB630 Music Textures  
 KMB632 Core Musicianship 1  
 Education Unit (See Faculty of Education Component)

**Year 2, Semester 2**

KTB272 Drama And Community Cultural Development  
 KTB280 Drama As Social Action  
 KMB617 Arranging

KMB633 Core Musicianship 2

**Year 3, Semester 1**

KTB253 Staging Australia  
 KTB278 Technical Theatre  
 Education Unit (See Faculty of Education Component)  
 Education Unit (See Faculty of Education Component)

**Drama with STA in Visual Arts**

**Year 1, Semester 1**

Creative Industries Core Unit - List A  
 KTB257 Studies In Acting 1  
 KSB259 The Performance Instrument: Body And Voice  
 Education Unit (See Faculty of Education Component)

**Year 1, Semester 2**

Creative Industries Core Unit - List A  
 KTB251 20th Century Stages  
 KVB701 Modernism  
 KTB271 Studies In Directing  
 KTB273 Performance 1  
 KSB278 Technical Theatre

**Year 2, Semester 1**

KVB702 Australian And Indigenous Art  
 KTB214 Process Drama  
 KTB308 Performance 2  
 Education Unit (See Faculty of Education Component)  
 Choose one of the following units

KVB447 Drawing  
 KVB457 Sculpture  
 KVB503 Clay Materials  
 KVB507 Painting  
 KVB509 Photographic Media

**Year 2, Semester 2**

KTB272 Drama And Community Cultural Development  
 KTB280 Drama As Social Action  
 KSB278 Technical Theatre  
 Choose two of the following units

KVB447 Drawing  
 KVB457 Sculpture  
 KVB503 Clay Materials  
 KVB507 Painting  
 KVB509 Photographic Media

**Year 3, Semester 1**

KTB253 Staging Australia  
 Education Unit (See Faculty of Education Component)  
 Education Unit (See Faculty of Education Component)  
 Elective - List B  
 Choose one of the following units

KVB447 Drawing  
 KVB457 Sculpture  
 KVB503 Clay Materials  
 KVB507 Painting  
 KVB509 Photographic Media

**Drama with STA in LOTE**

**Year 1, Semester 1**

Creative Industries Faculty Core Unit (List A)  
 KTB257 Studies In Acting 1  
 KSB259 The Performance Instrument: Body And Voice  
 Education Unit (See Faculty of Education Component)  
 LOTE STA Unit (List C)

**Year 1, Semester 2**

Creative Industries Faculty Core Unit (List A)  
 KTB251 20th Century Stages  
 KTB271 Studies In Directing  
 KTB273 Performance 1  
 KSB278 Technical Theatre  
 LOTE STA Unit (List C)

**Year 2, Semester 1**

Creative Industries Core Unit - See List A  
 KTB214 Process Drama  
 KTB308 Performance 2  
 LOTE STA Unit (List C)  
 Elective

**Year 2, Semester 2**

KTB272 Drama And Community Cultural Development  
 KTB280 Drama As Social Action  
 KTB304 Forming Knowledge  
 LOTE STA Unit (List C)  
 Elective

**Year 3, Semester 1**

Education Unit (See Faculty of Education component)  
 Education Unit (See Faculty of Education component)  
 Education Unit (See Faculty of Education component)

KTB253 Staging Australia

**List A Creative Industries Core Units**

See Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93) for details.

**List B: Drama Electives**
**Semester 1 Drama Electives**

KTB061 Arts Business Management  
 KTB252 The Sound Of Theatre  
 KTB275 Understanding Performance  
 KTB277 Physical Theatre  
 KTB306 Directing For Theatre

**Semester 2 Drama Electives**

KTB062 Arts Event Promotion And Public Relations  
 KTB258 Studies In Acting 2  
 KTB307 Writing For Performance

**Creative Industries Faculty Elective List for 2003**

See Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93) for details.

**List C. Second Teaching Area Units**

See Bachelor of Creative Industries (Dance)/Bachelor of Education (Secondary) (IF75) for details.

**Education Component**
**Course Structure**

EDB001, SPB001, SPB002 and CLB341 must be completed in the first five semesters of the course.

EDB001 Teaching and Learning Studies 1: Teaching in New Times  
 SPB001 Human Development And Education  
 SPB002 Psychology Of Learning And Teaching  
 CLB341 Language, Technology And Education

**Year 3, Semester 2**

EDB450 Secondary Professional Practice 1: Classroom Management  
 EDB451 Secondary Professional Practice 2: Curriculum Decision Making  
 KTB414 Drama Curriculum Studies 1  
 Curriculum Studies 1 (Second Teaching Area)

**Year 4, Semester 1**

CLB306 Understanding Educational Practices  
 EDB452 Secondary Professional Practice 3: The Inclusive Curriculum  
 KTB415 Drama Curriculum Studies 2  
 Curriculum Studies 2 (Second Teaching Area)

**Year 4, Semester 2**

EDB452 Secondary Professional Practice 3: The Inclusive Curriculum  
 Education Studies Elective (See List 3)  
 Education Studies Elective (See List 3)  
 Curriculum Studies Elective (See List 4)

**Alternative Year 4, Semester 2: Middle Years Pathway**

EDB443 Professional Internship Of Associate Teaching  
 SPB008 The Middle Years Of Schooling  
 SPB022 The Middle Years Curriculum  
 EDB453 Secondary Professional Practice 4: The Beginning Teacher

**Curriculum Studies - Second Teaching Area**
**Curriculum Studies 1**

KDB421 Dance Curriculum Studies 1  
 KMP423 Music Curriculum Studies 1  
 CLB325 English Curriculum Studies 1  
 CLB327 Film And Media Curriculum Studies 1  
 CLB361 Geography Curriculum Studies 1  
 CLB363 History Curriculum Studies 1  
 CLB329 LOTE Curriculum Studies 1  
 KVB412 Art Curriculum Studies 1

**Curriculum Studies 2**

KDB429 Dance Curriculum Studies 2  
 KMP431 Music Curriculum Studies 2  
 CLB326 English Curriculum Studies 2  
 CLB328 Film And Media Curriculum Studies 2  
 CLB362 Geography Curriculum Studies 2  
 CLB364 History Curriculum Studies 2  
 CLB330 LOTE Curriculum Studies 2  
 KVB413 Art Curriculum Studies 2

**Education Studies Elective Units**

See Bachelor of Applied Science/Bachelor of Education (Secondary) (IF71) for details.

**Curriculum Studies Electives**

See Bachelor of Applied Science/Bachelor of Education (Secondary) (IF71) for details.

**■ Bachelor of Creative Industries (Drama)/Bachelor of Education (Secondary) (IX06)**

**Award title:** Bachelor of Creative Industries (Drama)/Bachelor of Education

**Location:** Kelvin Grove and Carseldine

**Course duration (full-time):** 4 years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 54 (Average)

**Course coordinator:** Education: Dr Gordon Tait, Creative Industries: (Acting) Ms Christine Comans

**General**

This four-year double degree qualifies students to teach Drama in schools in Australia and overseas. In the first two years students undertake units in Drama, blending practice with theoretical concepts strongly focused on developing artistic, organisational and communication skills. In addition to Drama, students study a second teaching area selected from Dance, Music, Visual Art, English, Film and Media Studies, Geography, History and Languages. In the second two years, students concentrate on teacher preparation, equipping students, through drama curriculum units, with the skills necessary to be effective drama educators.

**Drama with STA other than Dance, Music, Visual Art and LOTE**
**Year 1, Semester 1**

Creative Industries Faculty Core Unit - List A  
 KTB257 Studies In Acting 1  
 KSB259 The Performance Instrument: Body And Voice  
 Second Teaching Area Unit

**Year 1, Semester 2**

KTB251 20th Century Stages  
 KTB271 Studies In Directing  
 KTB273 Performance 1  
 KTB278 Technical Theatre  
 Second Teaching Area Unit

**Year 2, Semester 1**

Creative Industries Core Unit - List A  
 KTB214 Process Drama  
 KTB308 Performance 2  
 Elective  
 Second Teaching Area Unit

**Year 2, Semester 2**

KTB272 Drama And Community Cultural Development  
 KTB280 Drama As Social Action  
 KTB304 Forming Knowledge  
 Elective  
 Second Teaching Area Unit

**Year 3, Semester 1**

EDB002 Teaching and Learning Studies II: Development and Learning  
 EDB031 Secondary Field Studies I: Development and Learning in the Field  
 KTB253 Staging Australia  
 KTB201 Drama Curriculum Studies 1  
 Curriculum Studies 1Y

**Year 3, Semester 2**

EDB003 Teaching and Learning Studies III: Practising Education  
 EDB032 Secondary Field Studies II: Practising Education in the Field  
 KTB202 Drama Curriculum Studies 2  
 Curriculum Studies 2Y

**Year 4, Semester 1**

EDB004 Teaching and Learning Studies IV: Inclusive Education  
 EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices  
 KTB203 Drama Curriculum Studies 3

Curriculum Studies 3Y

**Year 4, Semester 2**

- EDB005 Teaching and Learning Studies V: Professional Work of Teachers
- EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into the Field
- EDB035 Internship (Secondary) Education Elective

**Drama with STA in Dance**
**Year 1, Semester 1**

Creative Industries Core Unit - List A

- KTB257 Studies In Acting 1
- KSB259 The Performance Instrument: Body And Voice
- KDB117 Dance In Education

**Year 1, Semester 2**

Creative Industries Core Unit - List A

- KDB114 Australian Dance
- KTB251 20th Century Stages
- KTB271 Studies In Directing
- KTB273 Performance 1

**Year 2, Semester 1**

- KDX104 Architecture Of The Body
- KDB180 Dance Technique Studies 1
- KTB214 Process Drama
- KTB308 Performance 2
- KSB278 Technical Theatre

**Year 2, Semester 2**

- KDB106 The Analysis Of Modern Dance
- KDX143 Choreographic Studies 1
- KTB272 Drama And Community Cultural Development
- KTB280 Drama As Social Action
- KTB304 Forming Knowledge

**Year 3, Semester 1**

- EDB002 Teaching and Learning Studies II: Development and Learning
- EDB031 Secondary Field Studies I: Development and Learning in the Field

- KTB253 Staging Australia
- KTB201 Drama Curriculum Studies 1
- KDB201 Dance Curriculum Studies 1

**Year 3, Semester 2**

- EDB003 Teaching and Learning Studies III: Practising Education
- EDB032 Secondary Field Studies II: Practising Education in the Field
- KTB202 Drama Curriculum Studies 2
- KDB202 Dance Curriculum Studies 2

**Year 4, Semester 1**

- EDB004 Teaching and Learning Studies IV: Inclusive Education
- EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices

- KTB203 Drama Curriculum Studies 3
- KDB203 Dance Curriculum Studies 3

**Year 4, Semester 2**

- EDB005 Teaching and Learning Studies V: Professional Work of Teachers
- EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into the Field
- EDB035 Internship (Secondary) Education Elective

**Drama with STA in LOTE**
**Year 1, Semester 1**

Creative Industries Core Unit - List A

- KTB257 Studies In Acting 1
- KSB259 The Performance Instrument: Body And Voice
- LOTE Second Teaching Area Unit

**Year 1, Semester 2**

- KTB251 20th Century Stages
- KTB271 Studies In Directing
- KTB273 Performance 1
- KSB278 Technical Theatre
- LOTE Second Teaching Area Unit

**Year 2, Semester 1**

Creative Industries Core Unit - List A

- KTB214 Process Drama
- KTB308 Performance 2
- LOTE Second Teaching Area Unit
- Elective

**Year 2, Semester 2**

- KTB272 Drama And Community Cultural Development

- KTB280 Drama As Social Action
- KTB304 Forming Knowledge
- LOTE Second Teaching Area Unit
- Elective

**Year 3, Semester 1**

- EDB002 Teaching and Learning Studies II: Development and Learning
- EDB031 Secondary Field Studies II: Development and Learning in the Field

- KTB253 Staging Australia
- KTB201 Drama Curriculum Studies 1
- CLB036 LOTE Curriculum Studies 1

**Year 3, Semester 2**

- EDB003 Teaching and Learning Studies III: Practising Education
- EDB032 Secondary Field Studies II: Practising Education in the Field
- KTB202 Drama Curriculum Studies 2
- CLB037 LOTE Curriculum Studies 2

**Year 4, Semester 1**

- EDB004 Teaching and Learning Studies IV: Inclusive Education
- EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices

- KTB203 Drama Curriculum Studies 3
- CLB038 LOTE Curriculum Studies 3

**Year 4, Semester 2**

- EDB005 Teaching and Learning Studies V: Professional Work of Teachers
- EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into the Field
- EDB035 Internship (Secondary) Education Elective

**Drama with STA in Music**
**Year 1, Semester 1**

Creative Industries Core Unit - List A

- KTB257 Studies In Acting 1
- KSB259 The Performance Instrument: Body And Voice
- KMB632 Core Musicianship 1

**Year 1, Semester 2**

Creative Industries Core Unit - List A

- KTB251 20th Century Stages
- KTB271 Studies In Directing
- KTB273 Performance 1
- KMB633 Core Musicianship 2

**Year 2, Semester 1**

- KTB214 Process Drama
- KTB308 Performance 2
- KMB637 Jazz And Popular Music Musicianship
- KMB623 Conducting
- KSB278 Technical Theatre

**Year 2, Semester 2**

- KTB272 Drama And Community Cultural Development
- KTB280 Drama As Social Action
- KTB304 Forming Knowledge
- KMB617 Arranging
- KMB634 Contemporary Art Music Musicianship

**Year 3, Semester 1**

- EDB002 Teaching and Learning Studies II: Development and Learning
- EDB031 Secondary Field Studies II: Development and Learning in the Field

- KTB253 Staging Australia
- KTB201 Drama Curriculum Studies 1
- KMB201 Music (Secondary) Curriculum Studies 1

**Year 3, Semester 2**

- EDB003 Teaching and Learning Studies III: Practising Education
- EDB032 Secondary Field Studies II: Practising Education in the Field
- KTB202 Drama Curriculum Studies 2
- KMB202 Music (Secondary) Curriculum Studies 2

**Year 4, Semester 1**

- EDB004 Teaching and Learning Studies IV: Inclusive Education
- EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices

- KTB203 Drama Curriculum Studies 3
- KMB203 Music (Secondary) Curriculum Studies 3

**Year 4, Semester 2**

- EDB005 Teaching and Learning Studies V: Professional Work of Teachers
- EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into the Field
- EDB035 Internship (Secondary) Education Elective

**Drama with STA in Visual Arts****Year 1, Semester 1**

	Creative Industries Core Unit - List A
KTB257	Studies In Acting 1
KSB259	The Performance Instrument: Body And Voice
	Choose one of the following units:
KVB447	Drawing
KVB457	Sculpture
KVB503	Clay Materials
KVB507	Painting
KVB509	Photographic Media

**Year 1, Semester 2**

	Creative Industries Core Unit - List A
KVB701	Modernism
KTB251	20th Century Stages
KTB271	Studies In Directing
KTB273	Performance 1

**Year 2, Semester 1**

KVB702	Australian And Indigenous Art
KTB214	Process Drama
KTB308	Performance 2
KSB278	Technical Theatre
	Choose one of the following units:

KVB447	Drawing
KVB457	Sculpture
KVB503	Clay Materials
KVB507	Painting
KVB509	Photographic Media

**Year 2, Semester 2**

KTB272	Drama And Community Cultural Development
KTB280	Drama As Social Action
KTB304	Forming Knowledge
	Choose two of the following units

KVB447	Drawing
KVB457	Sculpture
KVB503	Clay Materials
KVB507	Painting
KVB509	Photographic Media

**Year 3, Semester 1**

EDB002	Teaching and Learning Studies II: Development and Learning
EDB031	Secondary Field Studies I: Development and Learning in the Field
KTB253	Staging Australia
KTB201	Drama Curriculum Studies 1
KVB301	Visual Art Curriculum Studies 1

**Year 3, Semester 2**

EDB003	Teaching and Learning Studies III: Practising Education
EDB032	Secondary Field Studies II: Practising Education in the Field
KTB202	Drama Curriculum Studies 2
KVB302	Visual Art Curriculum Studies 2

**Year 4, Semester 1**

EDB004	Teaching and Learning Studies IV: Inclusive Education
EDB033	Secondary Field Studies III: Immersion in Inclusive Educational Practices
KTB203	Drama Curriculum Studies 3
KVB303	Visual Art Curriculum Studies 3

**Year 4, Semester 2**

EDB005	Teaching and Learning Studies V: Professional Work of Teachers
EDB034	Secondary Field Studies IV: Professional Work of Teachers: Induction into the Field
EDB035	Internship (Secondary) Education Elective

**List A: Creative Industries Core Units**

See Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93) for details.

**List B Electives****Semester 1 Drama Electives**

IX06 students may choose either a Drama elective unit or a Creative Industries Faculty elective unit if/when on offer, provided it is not required as a Second Teaching Area (STA) unit.

KTB061	Arts Business Management
KTB252	The Sound Of Theatre
KTB275	Understanding Performance
KTB277	Physical Theatre
KTB306	Directing For Theatre

**Semester 2 Drama Electives**

KTB062	Arts Event Promotion And Public Relations
KTB258	Studies In Acting 2
KTB307	Writing For Performance

**Creative Industries Open Electives**

See Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93) for details.

**Curriculum Studies - Second Teaching Area****Curriculum Studies 1**

CLB018	English Curriculum Studies 1
CLB024	Film and Media Curriculum Studies 1
CLB027	Geography Curriculum Studies 1
CLB030	History Curriculum Studies 1

**Curriculum Studies 2**

CLB019	English Curriculum Studies 2
CLB025	Film and Media Curriculum Studies 2
CLB028	Geography Curriculum Studies 2
CLB031	History Curriculum Studies 2

**Curriculum Studies 3**

CLB020	English Curriculum Studies 3
CLB026	Film and Media Curriculum Studies 3
CLB029	Geography Curriculum Studies 3
CLB032	History Curriculum Studies 3

**■ Bachelor of Creative Industries (Media and Communication)/Bachelor of Business (IF09)**

**Award title:** Bachelor of Creative Industries (Media Studies)/Bachelor of Business

**CRICOS code:** 040286E

**Location:** Gardens Point

**Course duration (full-time):** 4.5/5 years (8 or 9 Semesters - Students may choose)

**Total credit points:** 432

**Standard credit points per semester (full-time):** 48 (Years 1 & 2), 60 (Years 3 & 4)

**Course coordinator:** Creative Industries: Ms Jillian Clare; Business: Mr Andrew Paltridge.

**Professional Membership**

Depending on the choice of major, extended major or specialisation graduates may be eligible for membership of:

- Advertising - Advertising Federation of Australia, Australian Association of National Advertisers, Australian Direct Marketing Association.
- International Business - Economic Society of Australia, Australasian Institute of Export.
- Public Relations - Public Relations Institute of Australia.

**Course structure - Advertising (8 semester Concurrent Model)****Year 1, Semester 1**

BSB122	Business Information Analysis And Communication
BSB126	Marketing
KCB140	Media And Society: From Printing Press To Internet
	Creative Industries Core Unit - See List A

**Year 1, Semester 2**

AMB200	Consumer Behaviour
AMB220	Advertising Theory And Practice
KCB101	Communication in the New Economy
KCB150	Media And Communications Industries

**Year 2, Semester 1**

AMB222	Media Planning
BSB119	International And Electronic Business
KCB213	Strategic Speech Communication
	Creative Industries Core Unit - See List A

**Year 2, Semester 2**

AMB221	Advertising Copywriting
KCB336	New Media Technologies
	Creative Industries Elective
	Double Major/Extended Major/Specialisation Unit

**Year 3, Semester 1**

BSB113	Economics
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BSB115 Management, People And Organisations  
 KCB349 Media Audiences  
 KCB295 Virtual Cultures  
 Double Major/Extended Major/Specialisation Unit

**Year 3, Semester 2**

BSB110 Accounting  
 BSB114 Government, Business And Society  
 KCB335 Managing Communication Resources  
 Creative Industries Elective  
 Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 1**

AMB320 Advertising Management  
 BSB111 Business Law And Ethics  
 KCB311 Political Communication  
 Creative Industries Elective\*  
 Double Major/Extended Major/Specialisation

**Year 4, Semester 2**

AMB321 Advertising Campaigns  
 KCB204 Globalisation And New Media  
 Creative Industries Elective  
 Double Major/Extended Major/Specialisation Unit  
 Double Major/Extended Major/Specialisation Unit  
 \*With approval of the Creative Industries Course  
 Coordinator, students can enrol in industry placement units in  
 Year 4 or their degree as electives

**Course structure - Advertising (9 Semester Concurrent Model)**

**Year 1, Semester 1**

BSB122 Business Information Analysis And Communication  
 BSB126 Marketing  
 KCB140 Media And Society: From Printing Press To Internet  
 Creative Industries Core Unit - See List A

**Year 1, Semester 2**

AMB200 Consumer Behaviour  
 AMB220 Advertising Theory And Practice  
 KCB101 Communication in the New Economy  
 KCB336 New Media Technologies

**Year 2, Semester 1**

AMB222 Media Planning  
 BSB119 International And Electronic Business  
 KCB213 Strategic Speech Communication  
 Creative Industries Core Unit - See List A

**Year 2, Semester 2**

AMB221 Advertising Copywriting  
 KCB150 Media And Communications Industries  
 Creative Industries Elective  
 Double Major/Extended Major/Specialisation Unit

**Year 3, Semester 1**

BSB113 Economics  
 BSB115 Management, People And Organisations  
 KCB349 Media Audiences  
 KCB295 Virtual Cultures

**Year 3, Semester 2**

BSB114 Government, Business And Society  
 KCB335 Managing Communication Resources  
 Double Major/Extended Major/Specialisation Unit  
 Creative Industries Elective

**Year 4, Semester 1**

AMB320 Advertising Management  
 KCB311 Political Communication  
 Double Major/Extended Major/Specialisation  
 Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 2**

AMB321 Advertising Campaigns  
 KCB204 Globalisation And New Media  
 Double Major/Extended Major/Specialisation Unit  
 Creative Industries Elective\*

**Year 5, Semester 1**

BSB111 Business Law And Ethics  
 BSB110 Accounting  
 Creative Industries Elective\*  
 Double Major/Extended Major/Specialisation Unit  
 \* With approval of the Creative Industries Course  
 Coordinator, students can enrol in industry placement units in  
 Year 4 of their degree as electives.

**Course structure - International Business (With No Language - 8 Semester Concurrent Model)**

**Year 1, Semester 1**

BSB114 Government, Business And Society  
 BSB119 International And Electronic Business  
 KCB140 Media And Society: From Printing Press To Internet  
 Creative Industries Core Unit - See List A

**Year 1, Semester 2**

BSB113 Economics  
 BSB115 Management, People And Organisations  
 KCB101 Communication in the New Economy  
 KCB150 Media And Communications Industries

**Year 2, Semester 1**

BSB110 Accounting  
 BSB126 Marketing  
 KCB213 Strategic Speech Communication  
 Creative Industries Core Unit - See List A

**Year 2, Semester 2**

IBB202 Business And The World Economy  
 IBB211 Globalisation And Business  
 KCB336 New Media Technologies  
 Creative Industries Core Unit - See List A

**Year 3, Semester 1**

IBB210 Export Management  
 KCB349 Media Audiences

Area Study 1  
 Double Major/Extended Major/Specialisation Unit  
 KCB295 Virtual Cultures

**Year 3, Semester 2**

BSB122 Business Information Analysis And Communication  
 Area Study 2  
 Creative Industries Elective  
 Double Major/Extended Major/Specialisation Unit  
 KCB335 Managing Communication Resources

**Year 4, Semester 1**

BSB111 Business Law And Ethics  
 KCB311 Political Communication  
 Creative Industries Elective\*  
 Double Major/Extended Major/Specialisation Unit  
 Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 2**

IBB300 International Business Strategy  
 KCB204 Globalisation And New Media  
 Creative industries Elective\*  
 Double Major/Extended Major/Specialisation Unit

**Course structure - International Business (With No Language - 9 Semester Concurrent Model)**

**Year 1, Semester 1**

BSB114 Government, Business And Society  
 BSB119 International And Electronic Business  
 KCB140 Media And Society: From Printing Press To Internet  
 Creative Industries Core Unit - See List A

**Year 1, Semester 2**

BSB113 Economics  
 BSB115 Management, People And Organisations  
 KCB101 Communication in the New Economy  
 KCB336 New Media Technologies

**Year 2, Semester 1**

BSB110 Accounting  
 BSB126 Marketing  
 KCB213 Strategic Speech Communication  
 Creative Industries Core Unit - See List A

**Year 2, Semester 2**

IBB202 Business And The World Economy  
 IBB211 Globalisation And Business  
 KCB150 Media And Communications Industries  
 Creative Industries Elective

**Year 3, Semester 1**

IBB210 Export Management  
 KCB349 Media Audiences

Area Study 1  
 KCB295 Virtual Cultures

**Year 3, Semester 2**

BSB122 Business Information Analysis And Communication  
 Area Study 2  
 Creative Industries Elective  
 KCB335 Managing Communication Resources

**Year 4, Semester 1**

BSB111 Business Law And Ethics  
 KCB311 Political Communication  
 Double Major/Extended Major/Specialisation Unit  
 Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 2**

IBB300 International Business Strategy  
 Creative industries Elective\*  
 Double Major/Extended Major/Specialisation Unit  
 KCB204 Globalisation And New Media

**Year 5, Semester 1**

Creative Industries Elective\*  
 Double Major/Extended Major/Specialisation Unit  
 Double Major/Extended Major/Specialisation Unit  
 Double Major/Extended Major/Specialisation Unit

**Area Study Units**

Students must complete one of the following pairs of area study units:

IBB217 Asian Business Development  
 IBB317 Contemporary Business In Asia  
 OR  
 IBB208 European Business Development  
 IBB308 Contemporary Business In Europe  
 \* With approval of the Creative Industries Course Coordinator, students can enrol in industry placement units in Year 4 of their degree as electives

**Course structure -International Business (With Language - 8 Semester Concurrent Model)**
**Year 1, Semester 1**

BSB119 International And Electronic Business  
 KCB140 Media And Society: From Printing Press To Internet  
 Creative Industries Core Unit - See List A  
 Language 1

**Year 1, Semester 2**

BSB113 Economics  
 KCB336 New Media Technologies  
 KCB101 Communication in the New Economy  
 Language 2

**Year 2, Semester 1**

BSB122 Business Information Analysis And Communication  
 KCB213 Strategic Speech Communication  
 Creative Industries Core Unit - See List A  
 Language 3

**Year 2, Semester 2**

IBB202 Business And The World Economy  
 KCB150 Media And Communications Industries  
 Creative Industries Elective  
 Language 4

**Year 3, Semester 1**

BSB126 Marketing  
 BSB114 Government, Business And Society  
 KCB349 Media Audiences  
 Language 5  
 OR

IBB205 Cross-Cultural Communication And Negotiation  
 KCB295 Virtual Cultures

**Year 3, Semester 2**

BSB110 Accounting  
 IBB211 Globalisation And Business  
 Creative Industries Elective  
 Language 5  
 OR  
 International Business Elective Unit  
 KCB335 Managing Communication Resources

**Year 4, Semester 1**

BSB115 Management, People And Organisations  
 IBB210 Export Management  
 KCB311 Political Communication  
 Area Study 1  
 Creative Industries Elective\*

**Year 4, Semester 2**

BSB111 Business Law And Ethics  
 IBB300 International Business Strategy  
 Creative Industries Elective\*  
 Area Study 2  
 KCB204 Globalisation And New Media

\* With approval of the Creative Industries Course Coordinator, students can enrol in industry placement units in Year 4 of their degree as electives.

**Course structure - International Business (With Language - 9 Semester Concurrent Model)**
**Year 1, Semester 1**

BSB119 International And Electronic Business  
 KCB140 Media And Society: From Printing Press To Internet  
 Creative Industries Core Unit - See List A  
 Language 1

**Year 1, Semester 2**

BSB113 Economics  
 KCB336 New Media Technologies  
 KCB101 Communication in the New Economy  
 Language 2

**Year 2, Semester 1**

BSB122 Business Information Analysis And Communication  
 KCB213 Strategic Speech Communication  
 Creative Industries Core Unit - See List A  
 Language 3

**Year 2, Semester 2**

IBB202 Business And The World Economy  
 KCB150 Media And Communications Industries  
 Creative Industries Elective  
 Language 4

**Year 3, Semester 1**

BSB126 Marketing  
 KCB349 Media Audiences  
 Language 5  
 OR

IBB205 Cross-Cultural Communication And Negotiation  
 KCB295 Virtual Cultures

**Year 3, Semester 2**

IBB211 Globalisation And Business  
 Creative Industries Elective - See List B  
 Language 6  
 OR  
 International Business Elective Unit (IBB2xx, IBB3xx)  
 KCB335 Managing Communication Resources

**Year 4, Semester 1**

IBB210 Export Management  
 kcb311

Area Study 1  
 Creative Industries Elective\*

**Year 4, Semester 2**

BSB114 Government, Business And Society  
 IBB300 International Business Strategy  
 Area Study 2  
 KCB204 Globalisation And New Media

**Year 5, Semester 1**

BSB110 Accounting  
 BSB111 Business Law And Ethics  
 IBB210 Export Management  
 Creative Industries Elective\*

**Area Study Units:**

Students must complete one of the following pairs of area study units:

IBB217 Asian Business Development  
 IBB317 Contemporary Business In Asia  
 OR

IBB208 European Business Development  
 IBB308 Contemporary Business In Europe

\* With approval of the Creative Industries Course Coordinator, students can enrol in industry placement units in Year 4 of their degree as electives.

**Course structure - Public Relations (8 Semester Concurrent Model)**
**Year 1, Semester 1**

BSB122 Business Information Analysis And Communication  
 BSB126 Marketing  
 KCB140 Media And Society: From Printing Press To Internet  
 Creative Industries Core Unit

**Year 1, Semester 2**

AMB260 Public Relations Theory And Practice  
 BSB119 International And Electronic Business  
 KCB101 Communication in the New Economy  
 KCB150 Media And Communications Industries

**Year 2, Semester 1**

AMB201	Market And Audience Research
AMB261	Media Relations And Publicity
KCB213	Strategic Speech Communication Creative Industries Core Unit - See List A

**Year 2, Semester 2**

AMB262	Public Relations Writing
KCB336	New Media Technologies Creative Industries Elective Double Major/Extended Major/Specialisation Unit

**Year 3, Semester 1**

BSB113	Economics
BSB115	Management, People And Organisations
KCB349	Media Audiences
KCB295	Virtual Cultures

**Year 3, Semester 2**

BSB110	Accounting
BSB114	Government, Business And Society
KCB335	Managing Communication Resources Creative Industries Elective Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 1**

AMB360	Corporate Communication Management
BSB111	Business Law And Ethics
KCB311	Political Communication Creative Industries Elective* Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 2**

AMB361	Public Relations Campaigns
KCB204	Globalisation And New Media Creative Industries Elective Double Major/Extended Major/Specialisation Unit Double Major/Extended Major/Specialisation Unit * With approval of the Creative Industries Course Coordinator, students can enrol in industry placement units in Year 4 of their degree as electives.

**Course structure - Public Relations (9 Semester Concurrent Model)**
**Year 1, Semester 1**

BSB122	Business Information Analysis And Communication
BSB126	Marketing
KCB140	Media And Society: From Printing Press To Internet Creative Industries Core Unit - List A

**Year 1, Semester 2**

AMB260	Public Relations Theory And Practice
BSB119	International And Electronic Business
KCB101	Communication in the New Economy
KCB336	New Media Technologies

**Year 2, Semester 1**

AMB201	Market And Audience Research
AMB261	Media Relations And Publicity
KCB213	Strategic Speech Communication Creative Industries Core Unit - See List A

**Year 2, Semester 2**

AMB262	Public Relations Writing
KCB150	Media And Communications Industries Creative Industries Elective Double Major/Extended Major/Specialisation Unit

**Year 3, Semester 1**

BSB113	Economics
KCB295	Virtual Cultures
KCB349	Media Audiences Double Major/Extended Major/Specialisation Unit

**Year 3, Semester 2**

BSB115	Management, People And Organisations
KCB335	Managing Communication Resources Creative Industries Elective Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 1**

AMB360	Corporate Communication Management
BSB111	Business Law And Ethics
KCB311	Political Communication Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 2**

AMB361	Public Relations Campaigns
KCB204	Globalisation And New Media Creative Industries Elective* Double Major/Extended Major/Specialisation Unit

**Year 5, Semester 1**

BSB110	Accounting
BSB114	Government, Business And Society Creative Industries Elective* Double Major/Extended Major/Specialisation Unit * With approval of the Creative Industries Course Coordinator, students can enrol in industry placement units in Year 4 of their degree as electives.

**List A: Creative Industries Core Units**

See Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93) for details.

**Creative Industries Faculty Elective List for 2003**

See Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93) for details.

**List of Languages**

The same language must be studied for at least four levels and unit codes are sequential (eg. French HHB670, HHB671, HHB672, HHB673), except French 7 (HHB678) and French 8 (HHB677). With the permission of the Major Coordinator, and where available, languages must be taken, including languages studied at another university. International students must take a language that is not their native tongue. The language units are as follows:

**French**

1. Students without Year 12 Language qualifications in French should undertake the following unit sequence:

HHB061	French 1
HHB062	French 2
HHB063	French 3
HHB064	French 4
HHB065	French 5
HHB066	French 6

2. Students with Year 12 Language qualifications or equivalent in French should undertake the following unit sequence:

HHB063	French 3
HHB064	French 4
HHB065	French 5
HHB066	French 6
HHB067	French 7
HHB068	French 8

**Indonesian**

1. Students without Year 12 Language qualifications in French should undertake the following unit sequence:

HHB071	Indonesian 1
HHB072	Indonesian 2
HHB073	Indonesian 3
HHB074	Indonesian 4
HHB075	Indonesian 5
HHB076	Indonesian 6

2. Students with Year 12 Language qualifications or equivalent in French should undertake the following unit sequence:

HHB073	Indonesian 3
HHB074	Indonesian 4
HHB075	Indonesian 5
HHB076	Indonesian 6
HHB077	Indonesian 7
HHB078	Indonesian 8

**Japanese**

1. Students without Year 12 Language qualifications in French should undertake the following unit sequence:

HHB081	Japanese 1
HHB082	Japanese 2
HHB083	Japanese 3
HHB084	Japanese 4
HHB085	Japanese 5
HHB086	Japanese 6

2. Students with Year 12 Language qualifications or equivalent in French should undertake the following unit sequence:

HHB083	Japanese 3
HHB084	Japanese 4
HHB085	Japanese 5
HHB086	Japanese 6
HHB087	Japanese 7
HHB088	Japanese 8

**German**

1. Students without Year 12 Language qualifications in French should undertake the following unit sequence:

HHB091	German 1
HHB092	German 2
HHB093	German 3
HHB094	German 4
HHB095	German 5
HHB096	German 6

2. Students with Year 12 Language qualifications or equivalent in French should undertake the following unit sequence:

HHB093	German 3
HHB094	German 4
HHB095	German 5
HHB096	German 6
HHB097	German 7
HHB098	German 8

## ■ Bachelor of Creative Industries (Media and Communication)/Bachelor of Laws (IF10)

**Award title:** Bachelor of Creative Industries (Media Studies)/Bachelor of Laws

**CRICOS code:** 040288C

**Location:** Gardens Point

**Course duration (full-time):** 5 years

**Total credit points:** 528

**Standard credit points per semester (full-time):** 48 (Semesters 3,4,5,6,9+10), 60 (Semesters 1,2,7+8)

**Course coordinator:** Creative Industries: Ms Jillian Clare; Dr Geraldine Mackenzie; Law: Director, Undergraduate Programs

### Professional Recognition

The law degree component covers all the law units required for admission as a legal practitioner in Australia and is approved for the purposes of the Solicitors' and Barristers' Admission Rules.

### Course structure

#### Year 1, Semester 1

KCB140	Media And Society: From Printing Press To Internet
KCB101	Communication in the New Economy Introduction to Legal Research
LWB141	Legal Institutions And Method
LWB142	Law, Society And Justice

#### Year 1, Semester 2

KCB150	Media And Communications Industries
KCB336	New Media Technologies Creative Industries Core Unit - See List A
LWB143	Legal Research And Writing
LWB144	Laws And Global Perspectives

#### Year 2, Semester 1

	Creative Industries Core Unit - See List A
	Creative Industries Core Unit - See List A
KCB213	Strategic Speech Communication
KCB295	Virtual Cultures
LWB136	Contracts A

#### Year 2, Semester 2

	Creative Industries Core Unit - See List A
KKB275	Creative Industries Legal Issues
LWB137	Contracts B One of the following:
KCB334	Media and Communication Research Methods
KKB704	Indigenous Creative Industries

#### Year 3, Semester 1

KCB349	Media Audiences
KCB311	Political Communication
LWB138	Fundamentals Of Torts
LWB238	Fundamentals Of Criminal Law

#### Year 3, Semester 2

LWB139	Select Issues In Torts
LWB239	Criminal Responsibility
KCB204	Globalisation And New Media
KCB335	Managing Communication Resources

#### Year 4, Semester 1

LWB231	Introduction To Public Law
LWB236	Real Property A
LWB240	Principles Of Equity
LWB332	Commercial And Personal Property Law
LWB333	Theories Of Law

#### Year 4, Semester 2

LWB235	Australian Federal Constitutional Law
LWB237	Real Property B
LWB241	Trusts
LWB331	Administrative Law
LWB334	Corporate Law

#### Year 5, Semester 1

LWB431	Civil Procedure
LWB432	Evidence
LWB434	Advanced Research And Legal Reasoning Elective Unit

#### Year 5, Semester 2

LWB433	Professional Responsibility Elective Units
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### List A Creative Industries Core Units

See Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93) for details.

### Creative Industries Faculty Elective List for 2003

See Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93) for details.

## ■ Bachelor of Creative Industries (Visual Arts)/Bachelor of Education (Secondary) (IF78)

**Award title:** Bachelor of Creative Industries (Visual Arts)/Bachelor of Education

**CRICOS code:** 040316D

**Location:** Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 54 (average)

**Course coordinator:** Dr Gordon Tait (Education); Assoc Prof Dave Hawke (Creative Industries)

### Note

Restricted intake in 2003.

The Bachelor of Creative Industries (Visual Arts)/Bachelor of Education (Secondary) IF78 course has been replaced by a newly coded Bachelor of Creative Industries (Visual Arts)/Bachelor of Education (Secondary) IX08 course with effect from 2003. There will be no new intake into this course in 2003 with the exception of students commencing their studies with significant advanced standing from previous tertiary level study.

### General

This four-year double degree qualifies graduates to teach as art teachers in secondary school Art in Australian schools. In the first two years students undertake practical and theoretical introductory studies about artistic ideas, concepts and aesthetic judgements as well as working in two- and/or three-dimensional media. Studio areas include Painting, Printmaking, and Sculpture with supporting areas of Drawing and Photography. Students study a second teaching area selected from Dance, Drama, Music, English, Film and Media Studies, Geography, History and Languages. In the final two years, students concentrate on teacher preparation, equipping them, through art curriculum units, with the skills to be effective art educators.

### Students with STA areas other than Dance, Drama, Music or LOTE

#### Year 1, Semester 1

KVB740	Studio Art Practice 1
KVB702	Australian And Indigenous Art Visual Arts Elective - List B Creative Industries Core Unit - List A

#### Year 1, Semester 2

KVB741	Studio Art Practice 2 Education Unit (See Faculty of Education Component) Second Teaching Area - List C Visual Arts Elective - List B
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#### Year 2, Semester 1

KVB742	Studio Art Practice 3
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KVB444 Contemporary Asian Visual Culture  
Second Teaching Area - List C  
Education Unit (See Faculty of Education Component)

**Year 2, Semester 2**

KVB701 Modernism  
Creative Industries Faculty Core Unit - List A  
Visual Arts Elective - List B  
Visual Arts Elective - List B  
Second Teaching Area - List C

**Year 3, Semester 1**

Education Unit (See Faculty of Education Component)  
Education Unit (See Faculty of Education Component)  
Visual Arts Elective - List B  
Second Teaching Area - List C

**With STA area in Dance**

**Year 1, Semester 1**

KVB740 Studio Art Practice 1  
KVB702 Australian And Indigenous Art  
KDX104 Architecture Of The Body  
Creative Industries Core Unit - List A

**Year 1, Semester 2**

KVB741 Studio Art Practice 2  
KDB114 Australian Dance  
Education Unit (See Faculty of Education Component)  
Visual Arts Elective - List B

**Year 2, Semester 1**

KVB742 Studio Art Practice 3  
Creative Industries Core Unit - List A  
Education Unit (See Faculty of Education component)  
Dance Technique Studies 1

**Year 2, Semester 2**

KVB701 Modernism  
Visual Arts Elective - List B  
Visual Arts Elective - List B  
KDX143 Choreographic Studies 1  
KDB106 The Analysis Of Modern Dance

**Year 3, Semester 1**

Education Unit (See Faculty of Education Component)  
Education Unit (See Faculty of Education Component)  
Visual Arts Elective - List B  
KDB117 Dance In Education

**With STA in Music**

**Year 1, Semester 1**

KVB740 Studio Art Practice 1  
Creative Industries Core Unit - List A  
KVB702 Australian And Indigenous Art  
KMB638 Sound And Image

**Year 1, Semester 2**

KVB741 Studio Art Practice 2  
KMB619 Music And Sound Technology  
Education Unit (See Faculty of Education component)  
Visual Arts Elective - List B

**Year 2, Semester 1**

KVB742 Studio Art Practice 3  
KMB632 Core Musicianship 1  
Creative Industries Core Unit - See List A  
Education Unit (See Faculty of Education component - recommended CLB341)

**Year 2, Semester 2**

KVB701 Modernism  
Visual Arts Elective - List B  
Visual Arts Elective - List B  
KMB633 Core Musicianship 2  
KMB621 Sound Recording And Acoustics

**Year 3, Semester 1**

Education Unit (See Faculty of Education component)  
Education Unit (See Faculty of Education component)  
Education Unit (See Faculty of Education component)

KMB623 Conducting

OR

Music Elective - Choose one of the following units:

KMB634 Contemporary Art Music Musicianship  
KMB636 Cross Cultural Musicianship  
KMB638 Sound And Image  
KMB631 World Music  
KMB616 Ensemble Project A  
KMB618 Soundtracks For Film And Television

**With STA in Drama**

**Year 1, Semester 1**

KVB740 Studio Art Practice 1  
Creative Industries Core Unit - List A  
KVB702 Australian And Indigenous Art  
KTB257 Studies In Acting 1

**Year 1, Semester 2**

KVB741 Studio Art Practice 2  
Education Unit (See Faculty of Education Component)  
KTB251 20th Century Stages  
KTB304 Forming Knowledge

**Year 2, Semester 1**

KVB742 Studio Art Practice 3  
Creative Industries Core Unit - List A  
Education Unit (See Faculty of Education component)  
KTB214 Process Drama

**Year 2, Semester 2**

KVB701 Modernism  
Visual Arts Elective - List B  
Visual Arts Elective - List B  
Visual Arts Elective - List B

KTB280 Drama As Social Action

**Year 3, Semester 1**

Education Unit (See Faculty of Education Component)  
Education Unit (See Faculty of Education Component)  
KSB278 Technical Theatre  
Visual Arts Elective - See List B

**With STA in LOTE**

**Year 1, Semester 1**

KVB740 Studio Art Practice 1  
Creative Industries Core Unit - List A  
KVB702 Australian And Indigenous Art  
STA Language Studies

**Year 1, Semester 2**

KVB741 Studio Art Practice 2  
Education Unit (See Faculty of Education Component)  
STA Language Studies  
Visual Arts Elective - List B

**Year 2, Semester 1**

KVB742 Studio Art Practice 3  
Creative Industries Core Unit - List A  
Education Unit (See Faculty of Education component)  
STA Language Studies

**Year 2, Semester 2**

KVB701 Modernism  
Visual Arts Elective - List B  
Visual Arts Elective - List B  
STA Language studies  
STA Language studies

**Year 3, Semester 1**

Education Unit (See Faculty of Education Component)  
Education Unit (See Faculty of Education Component)  
Visual Arts Elective - List B  
Visual Arts Elective - List B

**List A Creative Industries Core Units**

See Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93) for details.

**Visual Arts Electives**

KVB447 Drawing  
KVB457 Sculpture  
KVB503 Clay Materials  
KVB507 Painting  
KVB509 Photographic Media

**List C. Second Teaching Area Units**

See Bachelor of Creative Industries (Dance)/Bachelor of Education (Secondary) (IF75) for details.

**Education Component**

**Course Structure**

EDB001, SPB001, SPB002 and CLB341 must be completed in the first five semesters of the course.

EDB001 Teaching and Learning Studies 1: Teaching in New Times  
SPB001 Human Development And Education  
SPB002 Psychology Of Learning And Teaching  
CLB341 Language, Technology And Education

**Year 3, Semester 2**

- EDB450 Secondary Professional Practice 1: Classroom Management  
 EDB451 Secondary Professional Practice 2: Curriculum Decision Making  
 KVB412 Art Curriculum Studies 1  
 Curriculum Studies 1 (Second Teaching Area)

**Year 4, Semester 1**

- CLB306 Understanding Educational Practices  
 EDB452 Secondary Professional Practice 3: The Inclusive Curriculum  
 KVB413 Art Curriculum Studies 2  
 Curriculum Studies 2 (Second Teaching Area)

**Year 4, Semester 2**

- EDB453 Secondary Professional Practice 4: The Beginning Teacher  
 Education Studies Elective (See List 3)  
 Education Studies Elective (See List 3)  
 Curriculum Studies Elective (See List 4)

**Alternative Year 4, Semester 2: Middle Years Pathway**

- EDB443 Professional Internship Of Associate Teaching  
 SPB008 The Middle Years Of Schooling  
 SPB022 The Middle Years Curriculum  
 EDB453 Secondary Professional Practice 4: The Beginning Teacher

**Curriculum Studies - Second Teaching Area**
**Curriculum Studies 1**

- KDB421 Dance Curriculum Studies 1  
 KTB414 Drama Curriculum Studies 1  
 KMP423 Music Curriculum Studies 1  
 CLB325 English Curriculum Studies 1  
 CLB327 Film And Media Curriculum Studies 1  
 CLB361 Geography Curriculum Studies 1  
 CLB363 History Curriculum Studies 1  
 CLB329 LOTE Curriculum Studies 1

**Curriculum Studies 2**

- KDB429 Dance Curriculum Studies 2  
 KTB415 Drama Curriculum Studies 2  
 KMP431 Music Curriculum Studies 2  
 CLB326 English Curriculum Studies 2  
 CLB328 Film And Media Curriculum Studies 2  
 CLB362 Geography Curriculum Studies 2  
 CLB364 History Curriculum Studies 2  
 CLB330 LOTE Curriculum Studies 2

**Education Studies Elective Units**

See Bachelor of Applied Science/Bachelor of Education (Secondary) (IF71) for details.

**Curriculum Studies Electives**

See Bachelor of Applied Science/Bachelor of Education (Secondary) (IF71) for details.

## ■ Bachelor of Creative Industries (Visual Arts)/Bachelor of Education (Secondary) (IX08)

**Award title:** Bachelor of Creative Industries (Visual Arts)/Bachelor of Education

**Location:** Kelvin Grove and Carseldine

**Course duration (full-time):** 4 years

**Total credit points:** 532

**Standard credit points per semester (full-time):** 54 (Average)

**Course coordinator:** Dr Gordon Tait (Education); Assoc Prof Dave Hawke (Creative Industries)

**General**

This four-year double degree qualifies graduates to teach as art teachers in secondary school Art in Australian schools. In the first two years students undertake practical and theoretical introductory studies about artistic ideas, concepts and aesthetic judgements as well as working in two- and/or three-dimensional media. Studio areas include Painting, Printmaking, and Sculpture with supporting areas of Drawing and Photography. Students study a second teaching area selected from Dance, Drama, Music, English, Film and Media Studies, Geography, History and Languages. In the final two years, students concentrate on teacher preparation, equipping them, through art curriculum units, with the skills to be effective art educators.

**Students with STA areas other than Dance, Drama, Music or LOTE**
**Year 1, Semester 1**

- KVB740 Studio Art Practice 1  
 KVB702 Australian And Indigenous Art  
 Visual Arts Elective - List B  
 Second Teaching Area Unit

**Year 1, Semester 2**

- KVB741 Studio Art Practice 2  
 Creative Industries Core Unit - List A  
 Second Teaching Area Unit  
 Visual Arts Elective - List B

**Year 2, Semester 1**

- KVB742 Studio Art Practice 3  
 KVB444 Contemporary Asian Visual Culture  
 Creative Industries Core Unit - List A  
 Second Teaching Area Unit

**Year 2, Semester 2**

- KVB701 Modernism  
 Creative Industries Core Unit - List A  
 Visual Arts Elective - List B  
 Visual Arts Elective - List B  
 Second Teaching Area Unit

**with STA area in Dance**
**Year 1, Semester 1**

- KVB740 Studio Art Practice 1  
 KVB702 Australian And Indigenous Art  
 KDX104 Architecture Of The Body  
 Visual Arts Elective - List B

**Year 1, Semester 2**

- KVB741 Studio Art Practice 2  
 KDB114 Australian Dance  
 Visual Arts Elective - List B  
 Creative Industries Core Unit - List A

**Year 2, Semester 1**

- KVB742 Studio Art Practice 3  
 KDB180 Dance Technique Studies 1  
 KVB444 Contemporary Asian Visual Culture  
 KDB117 Dance In Education

**Year 2, Semester 2**

- KVB701 Modernism  
 Creative Industries Core Unit - List A  
 Visual Arts Elective - List B  
 KDX143 Choreographic Studies 1  
 KDB106 The Analysis Of Modern Dance

**with STA in Drama**
**Year 1, Semester 1**

- KVB740 Studio Art Practice 1  
 Creative Industries Core Unit - List A  
 KVB702 Australian And Indigenous Art  
 KTB257 Studies In Acting 1

**Year 1, Semester 2**

- KVB741 Studio Art Practice 2  
 KTB251 20th Century Stages  
 KTB304 Forming Knowledge  
 Visual Arts Elective - List B

**Year 2, Semester 1**

- KVB742 Studio Art Practice 3  
 Creative Industries Core Unit - List A  
 KTB214 Process Drama  
 KVB444 Contemporary Asian Visual Culture

**Year 2, Semester 2**

- KVB701 Modernism  
 Visual Arts Elective - List B  
 Visual Arts Elective - List B  
 KTB280 Drama As Social Action  
 KSB278 Technical Theatre

**with STA in LOTE**
**Year 1, Semester 1**

- KVB740 Studio Art Practice 1  
 Visual Arts Elective - List B  
 KVB702 Australian And Indigenous Art  
 STA Language Studies 3

**Year 1, Semester 2**

- KVB741 Studio Art Practice 2  
 Visual Arts Elective - List B

STA Language Studies 4

**Year 2, Semester 1**

KVB742 Studio Art Practice 3  
Creative Industries Core Unit - List A  
STA Language Studies 5

**Year 2, Semester 2**

KVB701 Modernism  
STA Language Studies 6  
Visual Arts Elective - List B  
Visual Arts Elective - List B  
Language Studies 3

**with STA in Music**

**Year 1, Semester 1**

KVB740 Studio Art Practice 1  
Creative Industries Core Unit - List A  
KVB702 Australian And Indigenous Art  
KMB638 Sound And Image

**Year 1, Semester 2**

KVB741 Studio Art Practice 2  
KMB619 Music And Sound Technology  
Visual Arts Elective - List B  
Creative Industries Core Unit - List A

**Year 2, Semester 1**

KVB742 Studio Art Practice 3  
KMB632 Core Musicianship 1  
KVB444 Contemporary Asian Visual Culture  
KMB623 Conducting

OR

Music Elective - choose from:

KMB634 Contemporary Art Music Musicianship  
KMB636 Cross Cultural Musicianship  
KMB638 Sound And Image  
KMB631 World Music  
KMB616 Ensemble Project A  
KMB618 Soundtracks For Film And Television

**Year 2, Semester 2**

KVB701 Modernism  
KMB633 Core Musicianship 2  
KMB621 Sound Recording And Acoustics  
Creative Industries Elective - See List A

**Education Component**

**Year 3, Semester 2**

EDB002 Teaching and Learning Studies II: Development and Learning  
EDB031 Secondary Field Studies I: Development and Learning in the Field  
KVB301 Visual Arts Curriculum Studies 1  
Curriculum Studies 1Y

**Year 3, Semester 2**

EDB003 Teaching and Learning Studies III: Practising Education  
EDB032 Secondary Field Studies II: Practising Education in the Field  
KVB302 Visual Arts Curriculum Studies 2  
Curriculum Studies 2Y

**Year 4, Semester 1**

EDB004 Teaching and Learning Studies IV: Inclusive Education  
EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices  
KVB303 Visual Arts Curriculum Studies 3  
Curriculum Studies 3Y

**Year 4, Semester 2**

EDB005 Teaching and Learning Studies V: Professional Work of Teachers  
EDB034 Secondary Field Studies VI: Professional Work of Teachers: Induction into the Field  
EDB035 Internship (Secondary)  
Education Elective

**List A Creative Industries Core Units**

See Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93) for details.

**List B - Visual Arts Electives**

KVB447 Drawing  
KVB457 Sculpture  
KVP503 Clay Materials  
KVP507 Painting  
KVP509 Photographic Media  
KVB751 Extended Studio Practice 1  
KVB752 Extended Studio Practice 2

KVB753 Extended Studio Practice 3  
KVB754 Extended Studio Practice 4  
KVB703 Video Art And Culture  
KVB742 Studio Art Practice 3

**Curriculum Studies - Second Teaching Area**

**Curriculum Studies 1**

KTB201 Drama Curriculum Studies 1  
CLB018 English Curriculum Studies 1  
CLB024 Film and Media Curriculum Studies 1  
CLB027 Geography Curriculum Studies 1  
CLB030 History Curriculum Studies 1  
CLB036 LOTE Curriculum Studies 1  
KMB201 Music (Secondary) Curriculum Studies 1  
KMB101 Music (Primary/Instrumental) Curriculum Studies 1

**Curriculum Studies 2**

KTB202 Drama Curriculum Studies 2  
CLB019 English Curriculum Studies 2  
CLB025 Film and Media Curriculum Studies 2  
CLB028 Geography Curriculum Studies 2  
CLB031 History Curriculum Studies 2  
CLB037 LOTE Curriculum Studies 2  
KMB202 Music (Secondary) Curriculum Studies 2  
KMB102 Music (Primary/Instrumental) Curriculum Studies 2

**Curriculum Studies 3**

KTB203 Drama Curriculum Studies 3  
CLB020 English Curriculum Studies 3  
CLB026 Film and Media Curriculum Studies 3  
CLB029 Geography Curriculum Studies 3  
CLB032 History Curriculum Studies 3  
CLB038 LOTE Curriculum Studies 3  
KMB203 Music (Secondary) Curriculum Studies 3  
KMB103 Music (Primary/Instrumental) Curriculum Studies 3

**List C. Second Teaching Area Units**

See Bachelor of Creative Industries (Dance)/Bachelor of Education (Secondary) (IF75) for details.

**■ Bachelor of Engineering (Electrical and Computer Engineering)/ Bachelor of Applied Science (Mathematics) (IF21)**

**Award title:** Bachelor of Engineering (Electrical and Computer Engineering)/ Bachelor of Applied Science (Mathematics)

**CRICOS code:** 020329J

**Location:** Gardens Point

**Course duration (full-time):** 5 Years

**Total credit points:** 480

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Mohammed Bennmoun (Electrical);  
Assoc Prof Helen MacGillivray (Mathematics)

**Career Outcomes**

Electrical and computer engineers design, install and maintain electrical, electronic, telecommunications and computing systems on behalf of governments and private companies. A stronger training in mathematics and statistics enhances their capabilities in modelling, analysis and design.

**Professional Recognition**

This degree meets the requirements for membership of The Institution of Engineers, Australia, and the coursework requirements for accredited graduate membership of the Australian Mathematical Society (GAustMS). Students may also become a member of the Statistical Society of Australia.

**Minors**

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area, that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

**Special Course Requirements**

A candidate for the degree of Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Applied Science (Mathematics) must obtain at least 60 days of industrial experience in an engineering environment approved by the course coordinator.

**Course structure - For students with four semesters of Senior Mathematics B and Senior Mathematics C**

For students with four semesters of both Senior Mathematics B and Senior Mathematics C (or equivalent) with an exit assessment of at least Sound Achievement in both subjects.

**Year 1, Semester 1**

EEB112 Electrical And Computer Engineering 1  
MAB111 Mathematical Sciences 1B  
MAB112 Mathematical Sciences 1C  
PCB136 Engineering Physics 1C

**Year 1, Semester 2**

BNB007 Professional Studies 1  
EEB212 Electrical And Computer Engineering 2  
MAB210 Statistical Modelling 1  
MAB220 Computational Mathematics 1

**Year 2, Semester 1**

EEB312 Analog And Digital Electronics  
EEB340 Introduction To Telecommunications  
MAB101 Statistical Data Analysis 1  
MAB312 Linear Algebra

**Year 2, Semester 2**

EEB412 Advanced Electronics And Embedded Systems  
EEB440 Classical Signal Processing  
MAB413 Differential Equations  
MAB420 Computational Mathematics 2

**Year 3, Semester 1**

EEB311 Electrical Measurement And Machines  
EEB560 Digital Communications  
MAB311 Advanced Calculus  
MAB314 Statistical Modelling 2

**Year 3, Semester 2**

EEB411 Classical Control And Power Systems  
EEB640 Digital Signal Processing  
MAB414 Applied Statistics 2  
MAB422 Mathematical Modelling

**Year 4, Semester 1**

EEB511 Modern Control And Power Electronics  
EEB584 Introduction To Design  
Computing elective  
or  
MAB380 Introduction to Supercomputing  
Mathematics elective (Level 3)

**Year 4, Semester 2**

EEB684 Advanced Design  
Electrical Engineering elective  
Electrical Engineering elective  
Mathematics elective (Level 3)

**Year 5, Semester 1**

EEB889/1 Project  
Electrical Engineering elective  
Electrical Engineering elective  
Mathematics elective (Level 3)

**Year 5, Semester 2**

EEB889/2 Project  
Electrical Engineering elective  
Electrical Engineering elective  
Mathematics elective (Level 3)

For students with four semesters of Senior Mathematics B (or equivalent) only, with an exit assessment of at least Sound Achievement

**Year 1, Semester 1**

EEB112 Electrical And Computer Engineering 1  
MAB100 Mathematical Sciences 1A  
MAB101 Statistical Data Analysis 1  
PCB136 Engineering Physics 1C

**Year 1, Semester 2**

BNB007 Professional Studies 1  
EEB212 Electrical And Computer Engineering 2  
MAB111 Mathematical Sciences 1B  
MAB112 Mathematical Sciences 1C

**Year 2, Semester 1**

EEB312 Analog And Digital Electronics  
EEB340 Introduction To Telecommunications  
MAB220 Computational Mathematics 1  
MAB312 Linear Algebra

**Year 2, Semester 2**

EEB412 Advanced Electronics And Embedded Systems  
EEB440 Classical Signal Processing  
MAB210 Statistical Modelling 1  
MAB413 Differential Equations

**Year 3, Semester 1**

EEB311 Electrical Measurement And Machines  
EEB560 Digital Communications  
MAB311 Advanced Calculus  
MAB314 Statistical Modelling 2

**Year 3, Semester 2**

EEB411 Classical Control And Power Systems  
EEB640 Digital Signal Processing  
MAB414 Applied Statistics 2  
MAB420 Computational Mathematics 2

**Year 4, Semester 1**

EEB511 Modern Control And Power Electronics  
EEB584 Introduction To Design  
Computing elective  
Or  
MAB380 Introduction to Supercomputing  
Mathematics elective (Level 3)

**Year 4, Semester 2**

EEB684 Advanced Design  
Electrical Engineering elective  
Electrical Engineering elective  
Mathematics elective (Level 3)

**Year 5, Semester 1**

EEB889/1 Project  
Electrical Engineering elective  
Electrical Engineering elective  
Mathematics elective (Level 3)

**Year 5, Semester 2**

EEB889/2 Project  
Electrical Engineering elective  
Electrical Engineering elective  
Mathematics elective (Level 3)

**Electrical Engineering Electives**

EEB904 Advanced Topics In Electrical Engineering A  
EEB905 Advanced Topics In Electrical Engineering B  
EEB911 Electrical Energy Systems  
EEB941 Modern Signal Processing  
EEB960 Wireless Communications  
EEB961 RF And Applied Electromagnetics  
EEB976 Advanced Industrial Electronics  
EEB992 VLSI Circuits And Systems

Not all electives may be offered. At the discretion of the course coordinator, students may be allowed to select an elective from any advanced topics offered by the University. Also potential honours students may, with the approval of the course coordinator, select an elective from the postgraduate degree courses offered by the School of Electrical and Electronic Systems Engineering.

**Mathematics Electives (Level 3)**

MAB521 Applied Mathematics 3  
MAB522 Computational Mathematics 3  
MAB523 Introduction to Quality Management  
MAB524 Statistical Inference  
MAB526 Statistical Science 3  
MAB613 Partial Differential Equations  
MAB621 Discrete Mathematics  
MAB624 Applied Statistics 3  
MAB672 Advanced Mathematical Modelling

Note: Some deviations from the above course structure may be possible with the permission of the course coordinator. This is more likely to apply in the later years than the earlier years of the course.



## ■ Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Business (IF28)

**Award title:** Electrical and Computer Engineering)/Bachelor of Business (Study Area A)

**CRICOS code:** 027278C

**Location:** Gardens Point

**Course duration (full-time):** 5 Years

**Total credit points:** 480

**Standard credit points per semester (full-time):** 48 (average)

**Course coordinator:** Dr Mohammed Bennamoun (Engineering); Mr Andrew Paltridge (Business),

**Discipline coordinator:** Dr John Sweeting (Accountancy); Ms Gayle Kerr (Advertising); Mr John Polichronis (Banking and Finance); Mr Eugene McCann (Economics); Ms Sherrena Buckby (Electronic Business); Dr Kate Hutchings (Human Resource Management); Mr Simon Ridings (International Business); Dr Glenda Maconachie (Management); Ms Cathy Neal (Marketing); Ms Robina Xavier (Public Relations)

### Special Course Requirements

A candidate for the degree of Bachelor of Engineering must obtain at least 60 days of industrial employment/practice in an engineering environment approved by the course coordinator, before graduating.

### Professional Membership

This degree meets the requirements for membership of The Institution of Engineers, Australia. Students completing the Bachelor of Business degree may, subject to choice of major, extended major and elective units, satisfy the academic requirements for membership of: CPA Australia, Institute of Chartered Accountants in Australia (ICAA), Australasian Institute of Banking and Finance (AIBF), Economic Society of Australia (Queensland Division), Australasian Institute of Export, Advertising Institute of Australia, Society of Business Communicators, Public Relations Institute of Australia, Australian Human Resources Institute, Australian Institute of Management, Australian Institute of Training and Development, Australian Marketing Institute, Market Research Society of Australia or American Marketing Association.

### Built Environment & Engineering Minors

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area, that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

### Course structure - Accountancy

#### Year 1, Semester 1

EEB112 Electrical And Computer Engineering 1

MAB180 Engineering Mathematics 1

OR

MAB131 Engineering Mathematics 1A

BSB110 Accounting

BSB113 Economics

\*MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C

#### Year 1, Semester 2

EEB212 Electrical And Computer Engineering 2

MAB132 Engineering Mathematics 1B

AYB121 Financial Accounting

BSB111 Business Law And Ethics

#### Year 2, Semester 1

EEB340 Introduction To Telecommunications

MAB134 Electrical Engineering Mathematics 3

PCB136 Engineering Physics 1C

EFB101 Data Analysis For Business

#### Year 2, Semester 2

EEB440 Classical Signal Processing

MAB135 Electrical Engineering Mathematics 4

BSB115 Management, People And Organisations

BSB119 International And Electronic Business

#### Year 3, Semester 1

EEB311 Electrical Measurement And Machines

EEB312 Analog And Digital Electronics

BSB126 Marketing

Double Major/Extended Major/Specialisation Unit

#### Year 3, Semester 2

EEB411 Classical Control And Power Systems

EEB412 Advanced Electronics And Embedded Systems

AYB221 Computerised Accounting Systems

BSB114 Government, Business And Society

#### Year 4, Semester 1

EEB584 Introduction To Design

Electrical and Computer Engineering elective unit

AYB220 Company Accounting

Double Major/Extended Major/Specialisation Unit

#### Year 4, Semester 2

EEB684 Advanced Design

Electrical and Computer Engineering elective unit

AYB225 Management Accounting

Double Major/Extended Major/Specialisation Unit

#### Year 5, Semester 1

EEB889/1 Project

Electrical and Computer Engineering elective unit

AYB301 Auditing

Double Major/Extended Major/Specialisation Unit

#### Year 5, Semester 2

EEB889/2 Project

Electrical and Computer Engineering elective unit

Double Major/Extended Major/Specialisation Unit

Double Major/Extended Major/Specialisation Unit

### Course structure - Advertising

#### Year 1, Semester 1

BSB119 International And Electronic Business

BSB122 Business Information Analysis And Communication

EEB112 Electrical And Computer Engineering 1

MAB180 Engineering Mathematics 1

OR

MAB131 Engineering Mathematics 1A

\*MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C

#### Year 1, Semester 2

AMB200 Consumer Behaviour

AMB220 Advertising Theory And Practice

EEB212 Electrical And Computer Engineering 2

MAB132 Engineering Mathematics 1B

#### Year 2, Semester 1

AMB222 Media Planning

EEB340 Introduction To Telecommunications

MAB134 Electrical Engineering Mathematics 3

PCB136 Engineering Physics 1C

#### Year 2, Semester 2

AMB221 Advertising Copywriting

BSB115 Management, People And Organisations

EEB440 Classical Signal Processing

MAB135 Electrical Engineering Mathematics 4

#### Year 3, Semester 1

EEB311 Electrical Measurement And Machines

EEB312 Analog And Digital Electronics

BSB113 Economics

Double Major/Extended Major/Specialisation Unit

#### Year 3, Semester 2

BSB114 Government, Business And Society

EEB411 Classical Control And Power Systems

EEB412 Advanced Electronics And Embedded Systems

Double Major/Extended Major/Specialisation Unit

#### Year 4, Semester 1

AMB320 Advertising Management

EEB584 Introduction To Design

Electrical and Computer Engineering elective unit

Double Major/Extended Major/Specialisation Unit

#### Year 4, Semester 2

AMB321 Advertising Campaigns

EEB684 Advanced Design  
Electrical and Computer Engineering elective unit  
Double Major/Extended Major/Specialisation Unit

**Year 5, Semester 1**

BSB111 Business Law And Ethics  
EEB889/1 Project  
Electrical and Computer Engineering elective unit  
Double Major/Extended Major/Specialisation Unit

**Year 5, Semester 2**

BSB110 Accounting  
EEB889/2 Project  
Electrical and Computer Engineering elective unit  
Double Major/Extended Major/Specialisation Unit

**Course structure - Banking & Finance**

**Year 1, Semester 1**

EEB112 Electrical And Computer Engineering 1  
MAB180 Engineering Mathematics 1  
OR  
MAB131 Engineering Mathematics 1A  
BSB115 Management, People And Organisations  
BSB113 Economics  
\*MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C

**Year 1, Semester 2**

EEB212 Electrical And Computer Engineering 2  
MAB132 Engineering Mathematics 1B  
BSB114 Government, Business And Society  
EFB102 Economics 2

**Year 2, Semester 1**

EEB340 Introduction To Telecommunications  
MAB134 Electrical Engineering Mathematics 3  
PCB136 Engineering Physics 1C  
BSB122 Business Information Analysis And Communication

**Year 2, Semester 2**

EEB440 Classical Signal Processing  
MAB135 Electrical Engineering Mathematics 4  
BSB110 Accounting  
EFB101 Data Analysis For Business

**Year 3, Semester 1**

EEB311 Electrical Measurement And Machines  
EEB312 Analog And Digital Electronics  
BSB126 Marketing  
EFB210 Finance 1

**Year 3, Semester 2**

EEB411 Classical Control And Power Systems  
EEB412 Advanced Electronics And Embedded Systems  
BSB111 Business Law And Ethics  
EFB307 Finance 2

**Year 4, Semester 1**

EEB584 Introduction To Design  
Electrical and Computer Engineering elective unit  
EFB201 Financial Markets  
Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 2**

EEB684 Advanced Design  
Electrical and Computer Engineering elective unit  
EFB312 International Finance And Economics  
Double Major/Extended Major/Specialisation Unit

**Year 5, Semester 1**

EEB889/1 Project  
Electrical and Computer Engineering elective unit  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

**Year 5, Semester 2**

EEB889/2 Project  
Electrical and Computer Engineering elective unit  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

**Course structure - Economics**

**Year 1, Semester 1**

EEB112 Electrical And Computer Engineering 1  
MAB180 Engineering Mathematics 1  
OR  
MAB131 Engineering Mathematics 1A  
BSB115 Management, People And Organisations  
BSB113 Economics

\*MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C

**Year 1, Semester 2**

EEB212 Electrical And Computer Engineering 2  
MAB132 Engineering Mathematics 1B  
BSB122 Business Information Analysis And Communication  
EFB102 Economics 2

**Year 2, Semester 1**

EEB340 Introduction To Telecommunications  
MAB134 Electrical Engineering Mathematics 3  
PCB136 Engineering Physics 1C  
EFB202 Business Cycles And Economic Growth

**Year 2, Semester 2**

EEB440 Classical Signal Processing  
MAB135 Electrical Engineering Mathematics 4  
BSB110 Accounting  
EFB101 Data Analysis For Business

**Year 3, Semester 1**

EEB311 Electrical Measurement And Machines  
EEB312 Analog And Digital Electronics  
BSB126 Marketing  
EFB211 Firms, Markets And Resources

**Year 3, Semester 2**

EEB411 Classical Control And Power Systems  
EEB412 Advanced Electronics And Embedded Systems  
BSB114 Government, Business And Society  
EFB314 International Trade And Economic Competitiveness

**Year 4, Semester 1**

EEB584 Introduction To Design  
Electrical and Computer Engineering elective unit  
BSB111 Business Law And Ethics  
Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 2**

EEB684 Advanced Design  
Electrical and Computer Engineering elective unit  
EFB323 Financial And Monetary Economics  
Double Major/Extended Major/Specialisation Unit

**Year 5, Semester 1**

EEB889/1 Project  
Electrical and Computer Engineering elective unit  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

**Year 5, Semester 2**

EEB889/2 Project  
Electrical and Computer Engineering elective unit  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

**Course structure - Electronic Business**

Note: The Electronic Business Major must be undertaken with another Business major

**Year 1, Semester 1**

EEB112 Electrical And Computer Engineering 1  
MAB180 Engineering Mathematics 1  
OR

MAB131 Engineering Mathematics 1A

BSB119 International And Electronic Business

\*MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C

**Year 1, Semester 2**

EEB212 Electrical And Computer Engineering 2  
MAB132 Engineering Mathematics 1B  
BSB110 Accounting  
BSB126 Marketing

**Year 2, Semester 1**

EEB340 Introduction To Telecommunications  
MAB134 Electrical Engineering Mathematics 3  
PCB136 Engineering Physics 1C  
BSB113 Economics

**Year 2, Semester 2**

EEB440 Classical Signal Processing  
MAB135 Electrical Engineering Mathematics 4  
BSB115 Management, People And Organisations  
ITB825 Electronic Business Information Systems

**Year 3, Semester 1**

EEB311 Electrical Measurement And Machines  
EEB312 Analog And Digital Electronics

BSB111	Business Law And Ethics
BSB212	Electronic Business Applications
<b>Year 3, Semester 2</b>	
EEB411	Classical Control And Power Systems
EEB412	Advanced Electronics And Embedded Systems
BSB213	Legal Issues In Electronic Business Double Major Unit
<b>Year 4, Semester 1</b>	
EEB584	Introduction To Design
MGB334	Managing In A Changing Environment Electrical and Computer Engineering elective unit Electronic Business Elective
<b>Year 4, Semester 2</b>	
EEB684	Advanced Design
BSB313	Business Strategy And Technology Electrical and Computer Engineering elective unit Double Major Unit
<b>Year 5, Semester 1</b>	
EEB889/1	Project Electrical and Computer Engineering elective unit Double Major Unit Double Major Unit
<b>Year 5, Semester 2</b>	
EEB889/2	Project Electrical and Computer Engineering elective unit Double Major Unit Double Major Unit
<b>Electronic Business Elective Unit List:</b>	
AMB230	Internet Promotion
AMB241	E-Marketing Strategies
AYB221	Computerised Accounting Systems
IBB223	Emerging Technologies And International Business
ITB233	Enterprise Systems Applications
ITB823	Web Sites For Electronic Commerce
ITB114	Introduction to Network Technologies
MGB216	Managing Technology, Innovation And Knowledge
<b>Course structure - Human Resource Management</b>	
<b>Year 1, Semester 1</b>	
EEB112	Electrical And Computer Engineering 1
MAB180	Engineering Mathematics 1 OR
MAB131	Engineering Mathematics 1A
BSB115	Management, People And Organisations
BSB122	Business Information Analysis And Communication *MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C
<b>Year 1, Semester 2</b>	
EEB212	Electrical And Computer Engineering 2
MAB132	Engineering Mathematics 1B
BSB126	Marketing
MGB220	Management Research Methods
<b>Year 2, Semester 1</b>	
EEB340	Introduction To Telecommunications
MAB134	Electrical Engineering Mathematics 3
PCB136	Engineering Physics 1C
BSB110	Accounting
<b>Year 2, Semester 2</b>	
EEB440	Classical Signal Processing
MAB135	Electrical Engineering Mathematics 4
MGB207	Human Resource Issues And Strategy
MGB211	Organisational Behaviour
<b>Year 3, Semester 1</b>	
EEB311	Electrical Measurement And Machines
EEB312	Analog And Digital Electronics
BSB113	Economics
BSB114	Government, Business And Society
<b>Year 3, Semester 2</b>	
EEB411	Classical Control And Power Systems
EEB412	Advanced Electronics And Embedded Systems
BSB111	Business Law And Ethics Double Major/Extended Major/Specialisation Unit
MGB222	Managing Organisations
<b>Year 4, Semester 1</b>	
EEB584	Introduction To Design Electrical and Computer Engineering elective unit Area Study 1 Double Major/Extended Major/Specialisation Unit

<b>Year 4, Semester 2</b>	
EEB684	Advanced Design Electrical and Computer Engineering elective unit Double Major/Extended Major/Specialisation Unit Double Major/Extended Major/Specialisation Unit

<b>Year 5, Semester 1</b>	
EEB889/1	Project Electrical and Computer Engineering elective unit
MGB314	Organisational Consulting And Change Double Major/Extended Major/Specialisation Unit

<b>Year 5, Semester 2</b>	
EEB889/2	Project Electrical and Computer Engineering elective unit
MGB309	Strategic Management Double Major/Extended Major/Specialisation Unit

### Course structure - International Business - No Language

#### International Business - No Language

##### Year 1, Semester 1

EEB112	Electrical And Computer Engineering 1
MAB180	Engineering Mathematics 1 OR
MAB131	Engineering Mathematics 1A
BSB113	Economics
BSB119	International And Electronic Business *MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C

##### Year 1, Semester 2

EEB212	Electrical And Computer Engineering 2
MAB132	Engineering Mathematics 1B
BSB126	Marketing
BSB115	Management, People And Organisations

##### Year 2, Semester 1

EEB340	Introduction To Telecommunications
MAB134	Electrical Engineering Mathematics 3
PCB136	Engineering Physics 1C
BSB114	Government, Business And Society

##### Year 2, Semester 2

EEB440	Classical Signal Processing
MAB135	Electrical Engineering Mathematics 4
IBB202	Business And The World Economy
IBB211	Globalisation And Business

##### Year 3, Semester 1

EEB311	Electrical Measurement And Machines
EEB312	Analog And Digital Electronics
BSB110	Accounting
IBB210	Export Management

##### Year 3, Semester 2

EEB411	Classical Control And Power Systems
EEB412	Advanced Electronics And Embedded Systems
BSB111	Business Law And Ethics Double Major/Extended Major/Specialisation Unit

##### Year 4, Semester 1

EEB584	Introduction To Design Electrical and Computer Engineering elective unit Area Study 1 Double Major/Extended Major/Specialisation Unit
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##### Year 4, Semester 2

EEB684	Advanced Design Electrical and Computer Engineering elective unit Area Study 2 Double Major/Extended Major/Specialisation Unit
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##### Year 5, Semester 1

EEB889/1	Project Electrical and Computer Engineering elective unit Double Major/Extended Major/Specialisation Unit Double Major/Extended Major/Specialisation Unit
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##### Year 5, Semester 2

EEB889/2	Project
IBB300	International Business Strategy Electrical and Computer Engineering elective unit Double Major/Extended Major/Specialisation Unit

#### Area Study Units:

Students Must Complete one of the following pairs of area study units:

IBB217	Asian Business Development
IBB317	Contemporary Business In Asia
OR	

IBB208 European Business Development  
 IBB308 Contemporary Business In Europe

### Course structure - International Business - with a Language Specialisation

#### International Business - No Language

##### Year 1, Semester 1

EEB112 Electrical And Computer Engineering 1  
 MAB180 Engineering Mathematics 1  
 OR  
 MAB131 Engineering Mathematics 1A  
 BSB119 International And Electronic Business  
 \*MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C  
 Language 1

##### Year 1, Semester 2

EEB212 Electrical And Computer Engineering 2  
 MAB132 Engineering Mathematics 1B  
 BSB115 Management, People And Organisations  
 Language 2

##### Year 2, Semester 1

EEB340 Introduction To Telecommunications  
 MAB134 Electrical Engineering Mathematics 3  
 PCB136 Engineering Physics 1C  
 Language 3

##### Year 2, Semester 2

EEB440 Classical Signal Processing  
 MAB135 Electrical Engineering Mathematics 4  
 BSB126 Marketing  
 Language 4

##### Year 3, Semester 1

EEB311 Electrical Measurement And Machines  
 EEB312 Analog And Digital Electronics  
 BSB110 Accounting  
 Language 5  
 OR

IBB205 Cross-Cultural Communication And Negotiation

##### Year 3, Semester 2

EEB411 Classical Control And Power Systems  
 EEB412 Advanced Electronics And Embedded Systems  
 BSB113 Economics  
 Language 6  
 OR  
 International Business Elective Unit (IBB2xx, IBB3xx)

##### Year 4, Semester 1

EEB584 Introduction To Design  
 Electrical and Computer Engineering elective unit  
 BSB114 Government, Business And Society  
 Area Study 1

##### Year 4, Semester 2

EEB684 Advanced Design  
 Electrical and Computer Engineering elective unit  
 IBB202 Business And The World Economy  
 Double Major/Extended Major/Specialisation Unit

##### Year 5, Semester 1

EEB889/1 Project  
 Electrical and Computer Engineering elective unit  
 BSB111 Business Law And Ethics  
 IBB210 Export Management

##### Year 5, Semester 2

EEB889/2 Project  
 Electrical and Computer Engineering elective unit  
 IBB211 Globalisation And Business  
 IBB300 International Business Strategy

#### Area Study Units:

Students must complete one of the following pairs of area study units:

IBB217 Asian Business Development  
 IBB317 Contemporary Business In Asia  
 OR  
 IBB208 European Business Development  
 IBB308 Contemporary Business In Europe

#### List Of Languages:

French  
 Indonesian  
 Japanese  
 German

### Course structure - Management

#### Year 1, Semester 1

EEB112 Electrical And Computer Engineering 1  
 MAB180 Engineering Mathematics 1  
 OR  
 MAB131 Engineering Mathematics 1A  
 BSB115 Management, People And Organisations  
 BSB122 Business Information Analysis And Communication  
 \*MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Year 12 Mathematics C

#### Year 1, Semester 2

EEB212 Electrical And Computer Engineering 2  
 MAB132 Engineering Mathematics 1B  
 BSB126 Marketing  
 MGB220 Management Research Methods

#### Year 2, Semester 1

EEB340 Introduction To Telecommunications  
 MAB134 Electrical Engineering Mathematics 3  
 PCB136 Engineering Physics 1C  
 BSB110 Accounting

#### Year 2, Semester 2

EEB440 Classical Signal Processing  
 MAB135 Electrical Engineering Mathematics 4  
 MGB222 Managing Organisations  
 MGB211 Organisational Behaviour

#### Year 3, Semester 1

EEB311 Electrical Measurement And Machines  
 EEB312 Analog And Digital Electronics  
 BSB113 Economics  
 BSB114 Government, Business And Society

#### Year 3, Semester 2

EEB411 Classical Control And Power Systems  
 EEB412 Advanced Electronics And Embedded Systems  
 BSB111 Business Law And Ethics  
 Double Major/Extended Major/Specialisation Unit

#### Year 4, Semester 1

EEB584 Introduction To Design  
 Electrical and Computer Engineering elective unit  
 MGB210 Production And Service Management  
 Double Major/Extended Major/Specialisation Unit

#### Year 4, Semester 2

EEB684 Advanced Design  
 Electrical and Computer Engineering elective unit  
 Managing In A Changing Environment  
 Double Major/Extended Major/Specialisation Unit

#### Year 5, Semester 1

EEB889/1 Project  
 Electrical and Computer Engineering elective unit  
 Double Major/Extended Major/Specialisation Unit  
 Double Major/Extended Major/Specialisation Unit

#### Year 5, Semester 2

EEB889/2 Project  
 Electrical and Computer Engineering elective unit  
 MGB309 Strategic Management  
 Double Major/Extended Major/Specialisation Unit

### Course structure - Marketing

#### Year 1, Semester 1

BSB119 International And Electronic Business  
 BSB126 Marketing  
 EEB112 Electrical And Computer Engineering 1  
 MAB180 Engineering Mathematics 1  
 OR  
 MAB131 Engineering Mathematics 1A  
 \*MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C

#### Year 1, Semester 2

AMB200 Consumer Behaviour  
 AMB240 Marketing Planning And Management  
 EEB212 Electrical And Computer Engineering 2  
 MAB132 Engineering Mathematics 1B

#### Year 2, Semester 1

AMB201 Market And Audience Research  
 EEB340 Introduction To Telecommunications  
 MAB134 Electrical Engineering Mathematics 3  
 PCB136 Engineering Physics 1C

**Year 2, Semester 2**

AMB241	E-Marketing Strategies
BSB115	Management, People And Organisations
EEB440	Classical Signal Processing
MAB135	Electrical Engineering Mathematics 4

**Year 3, Semester 1**

EEB311	Electrical Measurement And Machines
EEB312	Analog And Digital Electronics
BSB113	Economics
	Double Major/Extended Major/Specialisation Unit

**Year 3, Semester 2**

EEB411	Classical Control And Power Systems
EEB412	Advanced Electronics And Embedded Systems
BSB114	Government, Business And Society
	Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 1**

AMB340	Services Marketing
EEB584	Introduction To Design
	Electrical and Computer Engineering elective unit
	Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 2**

AMB341	Strategic Marketing
EEB684	Advanced Design
	Electrical and Computer Engineering elective unit
	Double Major/Extended Major/Specialisation Unit

**Year 5, Semester 1**

BSB111	Business Law And Ethics
EEB889/1	Project
	Electrical and Computer Engineering elective unit
	Double Major/Extended Major/Specialisation Unit

**Year 5, Semester 2**

BSB110	Accounting
EEB889/2	Project
	Electrical and Computer Engineering elective unit
	Double Major/Extended Major/Specialisation Unit

**Course structure - Public Relations**
**Year 1, Semester 1**

BSB119	International And Electronic Business
BSB126	Marketing
EEB112	Electrical And Computer Engineering 1
MAB180	Engineering Mathematics 1
	OR
MAB131	Engineering Mathematics 1A
	*MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C

**Year 1, Semester 2**

EEB212	Electrical And Computer Engineering 2
MAB132	Engineering Mathematics 1B
AMB260	Public Relations Theory And Practice
BSB115	Management, People And Organisations

**Year 2, Semester 1**

EEB340	Introduction To Telecommunications
MAB134	Electrical Engineering Mathematics 3
PCB136	Engineering Physics 1C
BSB110	Accounting

**Year 2, Semester 2**

EEB440	Classical Signal Processing
MAB135	Electrical Engineering Mathematics 4
AMB262	Public Relations Writing
BSB113	Economics

**Year 3, Semester 1**

EEB311	Electrical Measurement And Machines
EEB312	Analog And Digital Electronics
AMB201	Market And Audience Research
	Double Major/Extended Major/Specialisation Unit

**Year 3, Semester 2**

EEB411	Classical Control And Power Systems
EEB412	Advanced Electronics And Embedded Systems
BSB114	Government, Business And Society
	Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 1**

EEB584	Introduction To Design
	Electrical and Computer Engineering elective unit
AMB360	Corporate Communication Management
	Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 2**

EEB684	Advanced Design
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	Electrical and Computer Engineering elective unit
AMB361	Public Relations Campaigns
	Double Major/Extended Major/Specialisation Unit

**Year 5, Semester 1**

EEB889/1	Project
	Electrical and Computer Engineering elective unit
BSB111	Business Law And Ethics
	Double Major/Extended Major/Specialisation Unit

**Year 5, Semester 2**

EEB889/2	Project
	Electrical and Computer Engineering elective unit
BSB110	Accounting
	Double Major/Extended Major/Specialisation Unit

## ■ Bachelor of Engineering (Electronics)/Bachelor of Information Technology (IF59)

**Award title:** Bachelor of Engineering (Electronics)/Bachelor of Information Technology

**CRICOS code:** 006384G

**Location:** Gardens Point

**Course duration (full-time):** 5 Years

**Total credit points:** 480

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Vinod Chandran (Engineering)

### Professional Recognition

This course is accredited by The Institution of Engineers, Australia, as meeting the training requirements for admission to graduate membership of the institution. Graduates of the Bachelor of Information Technology Component meet the knowledge requirements for admission to the Australian Computer Society (ACS).

### Minors

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area, that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

### Special Course Requirements

A candidate for the degree of Bachelor of Engineering (Electronics)/Bachelor of Information Technology must obtain at least 60 days of industrial experience in an engineering environment approved by the course coordinator.

### Full-time Course structure

**Year 1, Semester 1**

ITB111	Software Development 1
ITB114	Introduction to Network Technologies
PCB136	Engineering Physics 1C
MAB180	Engineering Mathematics 1
	OR

MAB131 Engineering Mathematics 1A  
\*MAB180 Engineering Mathematics is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).

**Year 1, Semester 2**

BNB007	Professional Studies 1
EEB213	Electrical Circuits And Measurements
ITB112	Software Development 2
MAB132	Engineering Mathematics 1B

**Year 2, Semester 1**

EEB312	Analog And Digital Electronics
ITB118	Systems Life Cycle
ITB420	Computer Architecture
MAB134	Electrical Engineering Mathematics 3

**Year 2, Semester 2**

EEB412	Advanced Electronics And Embedded Systems
ITB421	Software Development 3
ITB424	Software Engineering Principles
MAB135	Electrical Engineering Mathematics 4

**Year 3, Semester 1**

EEB311	Electrical Measurement And Machines
EEB340	Introduction To Telecommunications
EEB512	Industrial Electronics And Digital Design
ITB448	Object Technology

**Year 3, Semester 2**

EEB411	Classical Control And Power Systems
EEB440	Classical Signal Processing
ITB427	Concurrent And Distributed Systems
ITB433	Programming Languages

**Year 4, Semester 1**

EEB560	Digital Communications
EEB584	Introduction To Design
ITB432	Advanced Programming Laboratory
ITB469	Unix Systems Programming And Administration
	OR
	Computing Elective
	*Students are required to take either ITB469 OR ITB470 (see below).

**Year 4, Semester 2**

EEB640	Digital Signal Processing
EEB684	Advanced Design
ITB470	Windows 2000 System Programming And Administration
	OR
	Computing Elective
	*Students are required to take either ITB469 OR ITB470.
	Computing Elective

**Year 5, Semester 1**

EEB781	
EEB889/1	Project
	OR
ITB844/1	Computing Project
	Electrical Engineering Elective
	Elective

**Year 5, Semester 2**

EEB889/2	Project
	OR
ITB844/2	Computing Project
	Elective
	Elective
	Elective

**Elective Units**

EEB904	Advanced Topics In Electrical Engineering A
EEB905	Advanced Topics In Electrical Engineering B
EEB941	Modern Signal Processing
EEB960	Wireless Communications
EEB976	Advanced Industrial Electronics
EEB992	VLSI Circuits And Systems

At the discretion of the Course Coordinator, students may be allowed to select an elective from any advanced topics offered by the University. Also potential honours students may, with the approval of the Course Coordinator, select an elective from the from the postgraduate degree courses offered by the School of Electrical and Electronic Systems Engineering. Computing and Electrical Engineering Electives may be interchanged provided at least one elective is chosen from each discipline.

**Computing Electives**

ITB434	Parallel Computing
ITB441	Graphics
ITB442	Foundations Of Artificial Intelligence
ITB447	Project
ITB456	Graphic User Interfaces
ITB458	Java And Extensible Programming
ITB461	Foundations Of Neurocomputing
ITB463	Pattern Recognition
ITB464	Modern Compiler Construction
ITB466	Component Technology
ITB468	Software Engineering Project

**Industrial Experience**

Students must obtain at least 60 days industrial experience in an engineering environment approved by the Course Coordinator.

**Notes**

- 1) Students must take one of the two units ITB469 Unix Systems Programming or ITB470 Window Systems Programming.
- 2) EEB781 Professional Studies 2 can be taken earlier if desired subject to completion of BNB007 Professional Studies 1.

- 3) The six electives can be taken in any ratio of EE to IT in order to emphasize either the EE or the IT component of the double degree provided at least one elective is chosen from each, with the approval of the Course Coordinator.
- 4) Core units at the third or fourth year of single Engineering degrees are acceptable as EE electives and a student may enrol in them provided pre-requisites are satisfied.

## ■ Bachelor of Health Science (Health Information Management)/Bachelor of Information Technology (IF85)

**Award title:** Bachelor of Health Science (Health Information Management)/Bachelor of Information Technology

**CRICOS code:** 031577B

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 432

**Course coordinator:** Ms Melinda Service (Health); Dr Alan Tickle (InfTech)

**Discipline coordinator:** Ms Josie Di Donato (Health Information Management)

**Course structure**
**Year 1, Semester 1**

ITB106	Foundations Of Computing
ITB225	Introduction To Databases
PUB106	Introduction To Health Information Management
PUB251	Contemporary Public Health

**Year 1, Semester 2**

BSB115	Management, People And Organisations
ITB310	Organisational Information Systems
ITB510	Data Communications
PUB233	Communication, Information And Education For Health

**Year 2, Semester 1**

ITB232	Database Systems
ITB111	Software Development 1
LSB142	Human Anatomy and Physiology
LSB361	Fundamentals of Medicine
PUB220	Medical Terminology

**Year 2, Semester 2**

ITB118	Systems Life Cycle
ITB222	Business Systems Analysis
LWS001	Medicine And The Law
PUB356	Clinical Classification 1

**Year 3, Semester 1**

ITB227	Web Applications
PUB298	Health Information Management 2
PUB314	Epidemiology And Statistics
PUB456	Clinical Classification 2

**Year 3, Semester 2**

ITB113	Introduction to Computer Architecture and System Software
PUB380	Casemix Management
PUB480	Health Administration Finance
	IS Subject Area Elective Unit
	IS Subject Area Elective Unit

**Year 4, Semester 1**

ITB229	Information Systems Specification
PUB511	Health Policy, Planning And Evaluation
PUB599	Health Information Management 3
	IS Subject Area Elective Unit

**Year 4, Semester 2**

ITB228	Enterprise Systems
PUB553	Professional Experience
PUB619	Health Information Management 4
PUB875	Professional Practice
	Public Health Elective
	IS Subject Area Elective Unit

**Information Systems Subject Area Units (4 units to be selected)**

	Database Systems Area
ITB234	Information Analysis
ITB263	Web Intelligence For E-Commerce
ITB243	Knowledge-Based Systems
ITB267	Data Warehousing For Decision Support
	E-Commerce Area
ITB243	Knowledge-Based Systems
ITB257	Multimedia Systems

ITB260	E-Commerce Site Development
ITB263	Web Intelligence For E-Commerce
E-Commerce Technology Area	
ITB263	Web Intelligence For E-Commerce
ITB262	E-Commerce Technologies
ITB267	Data Warehousing For Decision Support
Enterprise Systems Strategy Area	
ITB241	Information Technology Management
ITB233	Enterprise Systems Applications
ITB264	Information Systems Consulting
Enterprise Systems Technical Area	
ITB263	Web Intelligence For E-Commerce
ITB245	R/3 Systems Administration
ITB258	ABAP Programming
ITB267	Data Warehousing For Decision Support
Information Management Area	
ITB266	Principles Of Information Management
ITB322	Information Resources
ITB330	Information Issues
ITB341	Strategic Information And Knowledge Management
Information Technology Consulting Area	
ITB241	Information Technology Management
ITB264	Information Systems Consulting
ITB322	Information Resources
ITB341	Strategic Information And Knowledge Management
Modelling Area	
ITB223	4GL Systems
ITB234	Information Analysis
ITB236	Object-Oriented Analysis And Design
ITB254	Interactivity Design
Multimedia Area	
ITB243	Knowledge-Based Systems
ITB254	Interactivity Design
ITB257	Multimedia Systems
ITB260	E-Commerce Site Development
Programming Area	
ITB223	4GL Systems
ITB254	Interactivity Design
ITB258	ABAP Programming
ITB260	E-Commerce Site Development

## ■ Bachelor of Information Technology/Bachelor of Education (Secondary) (IF79)

**Award title:** Bachelor of Information Technology (Study Area A)/Bachelor of Education

**CRICOS code:** 022136B

**Location:** Gardens Point, Kelvin Grove and Carseldine

**Course duration (full-time):** 4 Years

**Total credit points:** 432

**Course coordinator:** Dr Gordon Tait (Education), Mr Mike Roggenkamp (InfTech)

### Course Structure

Students are required to complete 240 credit points in units offered by the Faculty of Information Technology plus 192 credit points offered by the Faculty of Education. Four of these units from Education are undertaken over the first five semesters of the course: EDB001 Teaching and Learning Studies I: Teaching in New Times; SPB001 Human Development and Education; SPB002 Psychology of Learning and Teaching; CLB341 Language, Technology and Education. Teaching areas will be Computing with English, Business Communication and Technologies, Social Science, History, Geography, Accounting/Business Management, Economics, Legal Studies, Science\*, Mathematics\*. In the final semester, students may undertake the Middle Years of Schooling Pathway developing the knowledge, skills and understanding required to participate fully in the middle schooling reform movement.

\* Available only when students are able to demonstrate that they will have covered sufficient breadth of studies to support teaching in these areas.

### Course structure

#### Year 1, Semester 1

ITB106	Foundations Of Computing
ITB225	Introduction To Databases
ITB410	Software Development 1
ITB412	Technology Of Information Systems

#### Year 1, Semester 2

EDB001	Teaching and Learning Studies 1: Teaching in New Times
ITB107	Programming Laboratory
ITB310	Organisational Information Systems
ITB510	Data Communications
SPB001	Human Development And Education

#### Year 2, Semester 1

ITB411	Software Development 2
ITB229	Information Systems Specification
ITB222	Business Systems Analysis
CLB341	Language, Technology And Education Second Teaching Area Unit

#### Year 2, Semester 2

ITB424	Software Engineering Principles Computing Science Elective Unit IT Elective Unit
SPB002	Psychology Of Learning And Teaching Second Teaching Area Unit

#### Year 3, Semester 1

Second Teaching Area Unit
Second Teaching Area Unit
IT Elective Unit
IT Elective Unit
IT Elective Unit
IT Electives should be chosen from units offered within the Bachelor of Information Technology, subject to fulfilling prerequisite requirements. Students should check with IT Course Coordinator.

### Education Component

#### Note

CLB305, SPB001, SPB002 and CLB341 must be completed in the first five semesters of the course.

#### Year 3, Semester 2

EDB450	Secondary Professional Practice 1: Classroom Management
EDB451	Secondary Professional Practice 2: Curriculum Decision Making
MDB329	Computing Curriculum Studies 1 Curriculum Studies 1 (See List 1)

#### Year 4, Semester 1

CLB306	Understanding Educational Practices
EDB452	Secondary Professional Practice 3: The Inclusive Curriculum
MDB330	Computing Curriculum Studies 2 Curriculum Studies 2 (See List 2)

#### Year 4, Semester 2

EDB453	Secondary Professional Practice 4: The Beginning Teacher Education Studies Elective (See List 3) Education Studies Elective (See List 3) Curriculum Studies Elective (See List 4)
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#### Alternative Year 4, Semester 2: Middle Years Pathway

EDB443	Professional Internship Of Associate Teaching
SPB008	The Middle Years Of Schooling
SPB022	The Middle Years Curriculum
EDB453	Secondary Professional Practice 4: The Beginning Teacher

### Curriculum Studies 1 and 2

#### List 1

CLB355	Accounting/business Management Curriculum Studies 1
CLB357	Business Communications And Technologies Curriculum Studies 1
CLB359	Economics Curriculum Studies 1
CLB325	English Curriculum Studies 1
CLB361	Geography Curriculum Studies 1
CLB363	History Curriculum Studies 1
CLB365	Legal Studies Curriculum Studies 1
MDB333	Mathematics Curriculum Studies 1
MDB337	Science Curriculum Studies 1
CLB367	Social Science Curriculum Studies 1

#### List 2

CLB356	Accounting/business Management Curriculum Studies 2
CLB358	Business Communications And Technologies Curriculum Studies 2
CLB360	Economics Curriculum Studies 2

CLB326	English Curriculum Studies 2
CLB362	Geography Curriculum Studies 2
CLB364	History Curriculum Studies 2
CLB366	Legal Studies Curriculum Studies 2
MDB334	Mathematics Curriculum Studies 2: Senior Mathematics
MDB338	Science Curriculum Studies 2
CLB368	Social Science Curriculum Studies 2

### Education Studies Elective Units

See Bachelor of Applied Science/Bachelor of Education (Secondary) (IF71) for details.

### Curriculum Studies Electives

See Bachelor of Applied Science/Bachelor of Education (Secondary) (IF71) for details.

## ■ Bachelor of Information Technology/Bachelor of Education (Secondary) (IX09)

**Award title:** Bachelor of Information Technology/Bachelor of Education

**Location:** Gardens Point, Kelvin Grove and Carseldine

**Course duration (full-time):** 4 years

**Total credit points:** 432

**Course coordinator:** Dr Gordon Tait (Education), Mr Mike Roggenkamp (InfTech)

### Note

IX09 replaces IF79 for commencing students in 2003, and is subject to final approval.

Applicants to the IF79 course who have six units of credit of more should contact the faculty of education.

### Entry Requirements

Applicants must have completed Year 12 (or equivalent).  
Assumed Knowledge: English (4 SA) and Maths B (4 SA).

### Course Structure

Students are required to complete 240 credit points in units offered by the Faculty of Information Technology plus 192 credit points offered by the Faculty of Education. Teaching areas will be Computing with English, Business Communication and Technologies, Social Science, History, Geography, Accounting/Business Management, Economics, Legal Studies, Science\*, Mathematics\*.

\* Available only when students are able to demonstrate that they will have covered sufficient breadth of studies to support teaching in these areas.

### Course structure

#### Year 1, Semester 1

ITB111	Software Development 1
ITB113	Introduction to Computer Architecture and System Software
ITB115	Introduction to Databases
ITB116	Professional Studies 1
EDB001	Teaching and Learning Studies 1: Teaching in New Times

#### Year 1, Semester 2

ITB112	Software Development 2
ITB114	Introduction to Network Technologies
ITB117	Professional Studies 2
ITB118	Systems Life Cycle Second Teaching Area Unit

#### Year 2, Semester 1

EDB002	Teaching and Learning Studies II: Development and Learning
EDB031	Secondary Field Studies I: Development and Learning in the Field
MDB015	Computing Curriculum Studies 1 Curriculum Studies 1Y

#### Year 2, Semester 2

ITB222	Business Systems Analysis IT Elective Unit* IT Elective Unit* IT Elective Unit* IT Elective Unit* Second Teaching Area Unit
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#### Year 3, Semester 1

	Second Teaching Area Unit
	Second Teaching Area Unit
ITB272	Information Technology Project Management
MGB218	Venture Skills OR
MGB223	Creating New Enterprises IT Elective Unit* IT Elective Unit* IT Elective Unit*
	* IT Electives should be chosen from units offered within the Bachelor of Information Technology, subject to fulfilling prerequisite requirements. Students should check with IT Course Coordinator.

#### Year 3, Semester 2

EDB003	Teaching and Learning Studies III: Practising Education
EDB032	Secondary Field Studies II: Practising Education in the Field
MDB016	Computing Curriculum Studies 2 Curriculum Studies 2Y IT Project Unit - Select one from the following
ITB240	Project (Information Systems)
ITB447	Project
ITB576	Data Communications Project 1

#### Year 4, Semester 1

EDB004	Teaching and Learning Studies IV: Inclusive Education
EDB033	Secondary Field Studies III: Immersion in Inclusive Educational Practices
MDB017	Computing Curriculum Studies 3 Curriculum Studies 3Y

#### Year 4, Semester 2

EDB005	Teaching and Learning Studies V: Professional Work of Teachers
EDB034	Secondary Field Studies IV: Professional Work of Teachers: Induction into the Field
EDB035	Internship (Secondary) Education Elective

### Curriculum Studies 1, 2 and 3

#### Curriculum Studies 1

CLB009	Accounting/Business Management Curriculum Studies 1
CLB012	Business Communication Technology Curriculum Studies 1
CLB015	Economics Curriculum Studies 1
CLB018	English Curriculum Studies 1
CLB027	Geography Curriculum Studies 1
CLB030	History Curriculum Studies 1
CLB033	Legal Studies Curriculum Studies 1
MDB021	Mathematics Curriculum Studies 1
MDB027	Science Curriculum Studies 1
CLB039	Social Science Curriculum Studies 1

#### Curriculum Studies 2

CLB010	Accounting/Business Management Curriculum Studies 2
CLB013	Business Communication Technology Curriculum Studies 2
CLB016	Economics Curriculum Studies 2
CLB019	English Curriculum Studies 2
CLB028	Geography Curriculum Studies 2
CLB031	History Curriculum Studies 2
CLB034	Legal Studies Curriculum Studies 2
MDB022	Mathematics Curriculum Studies 2
MDB028	Science Curriculum Studies 2
CLB040	Social Science Curriculum Studies 2

#### Curriculum Studies 3

CLB011	Accounting/Business Management Curriculum Studies 3
CLB014	Business Communication Technology Curriculum Studies 3
CLB017	Economics Curriculum Studies 3
CLB020	English Curriculum Studies 3
CLB029	Geography Curriculum Studies 3
CLB032	History Curriculum Studies 3
CLB035	Legal Studies Curriculum Studies 3
MDB023	Mathematics Curriculum Studies 3
MDB029	Science Curriculum Studies 3
CLB041	Social Science Curriculum Studies 3

### IX09 - Faculty of Information Technology Elective Units

#### Information Systems

ITB233	Enterprise Systems Applications
ITB234	Information Analysis
ITB235	Distributed Object Information Systems
ITB236	Object-Oriented Analysis And Design
ITB241	Information Technology Management



ITB243	Knowledge-Based Systems
ITB245	R/3 Systems Administration
ITB254	Interactivity Design
ITB257	Multimedia Systems
ITB258	ABAP Programming
ITB259	Advanced Multimedia Technologies
ITB260	E-Commerce Site Development
ITB262	E-Commerce Technologies
ITB263	Web Intelligence For E-Commerce
ITB264	Information Systems Consulting
ITB267	Data Warehousing For Decision Support

#### **Software Engineering**

ITB441	Graphics
ITB442	Foundations Of Artificial Intelligence
ITB454	Software Quality Assurance
ITB456	Graphic User Interfaces
ITB457	Windows Programming
ITB458	Java And Extensible Programming
ITB466	Component Technology
ITB469	Unix Systems Programming And Administration
ITB470	Windows 2000 System Programming And Administration
ITB471	Software Development For The Web

#### **Data Communications**

ITB533	Comparative Network Systems
ITB551	Network Planning
ITB564	Application Services
ITB565	Network Management
ITB566	Introduction To Cryptology
ITB568	Wireless Networks
ITB569	Network Security For E-Commerce

## ■ Bachelor of Information Technology/Bachelor of Laws (IF38)

**Award title:** Bachelor of Information Technology/Bachelor of Laws

**CRICOS code:** 006385G

**Location:** Gardens Point

**Course duration (full-time):** 5 Years

**Total credit points:** 528

**Course coordinator:** IT: Dr Alan Tickle; Law, Director, Undergraduate Programs

### **Professional Recognition**

The Bachelor of Information Technology component meets the knowledge requirements for membership of the Australian Computer Society. The Bachelor of Laws component covers the areas of law required for the purposes of admission to practise as a Solicitor and/or Barrister in all Australian states and territories.

### **Course structure**

#### **Year 1, Semester 1**

ITB111	Software Development 1
ITB113	Introduction to Computer Architecture and System Software
ITB115	Introduction to Databases
ITB116	Professional Studies 1

#### **Year 1, Semester 2**

ITB112	Software Development 2
ITB114	Introduction to Network Technologies
ITB117	Professional Studies 2
ITB118	Systems Life Cycle

#### **Year 2, Semester 1**

ITB218	Applications Programming
ITB222	Business Systems Analysis
ITB229	Information Systems Specification
LWB141	Legal Institutions And Method
LWB142	Law, Society And Justice

#### **Year 2, Semester 2**

ITB227	Web Applications
ITB228	Enterprise Systems
LWB143	Legal Research And Writing
LWB144	Laws And Global Perspectives

#### **Year 3, Semester 1**

ITB232	Database Systems
	IS Subject Area Elective Unit
LWB136	Contracts A
LWB138	Fundamentals Of Torts

LWB238	Fundamentals Of Criminal Law
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#### **Year 3, Semester 2**

ITB240	Project (Information Systems)
LWB137	Contracts B
LWB139	Select Issues In Torts
LWB239	Criminal Responsibility

#### **Year 4, Semester 1**

LWB231	Introduction To Public Law
LWB236	Real Property A
LWB240	Principles Of Equity
LWB333	Theories Of Law

#### **Year 4, Semester 2**

LWB235	Australian Federal Constitutional Law
LWB237	Real Property B
LWB241	Trusts
LWB334	Corporate Law

#### **Year 5, Semester 1**

LWB332	Commercial And Personal Property Law
LWB431	Civil Procedure
LWB432	Evidence
LWB434	Advanced Research And Legal Reasoning Electives

#### **Year 5, Semester 2**

LWB331	Administrative Law
LWB433	Professional Responsibility Electives

### **Information Systems Subject Area Units (1 unit to be selected)**

#### **Database Systems Area**

ITB234	Information Analysis
ITB243	Knowledge-Based Systems
ITB263	Web Intelligence For E-Commerce
ITB267	Data Warehousing For Decision Support

#### **E-Commerce Area**

ITB243	Knowledge-Based Systems
ITB257	Multimedia Systems
ITB260	E-Commerce Site Development
ITB263	Web Intelligence For E-Commerce

#### **E-Commerce Technology Area**

ITB235	Distributed Object Information Systems
ITB262	E-Commerce Technologies
ITB263	Web Intelligence For E-Commerce
ITB267	Data Warehousing For Decision Support

#### **Enterprise Systems Strategy Area**

ITB233	Enterprise Systems Applications
ITB241	Information Technology Management
ITB264	Information Systems Consulting
ITB267	Data Warehousing For Decision Support

#### **Enterprise Systems Technical Area**

ITB245	R/3 Systems Administration
ITB258	ABAP Programming
ITB263	Web Intelligence For E-Commerce
ITB267	Data Warehousing For Decision Support

#### **Information Management Area**

ITB266	Principles Of Information Management
ITB322	Information Resources
ITB330	Information Issues
ITB341	Strategic Information And Knowledge Management

#### **Information Technology Consulting Area**

ITB241	Information Technology Management
ITB264	Information Systems Consulting
ITB322	Information Resources
ITB341	Strategic Information And Knowledge Management

#### **Modelling Area**

ITB223	4GL Systems
ITB234	Information Analysis
ITB235	Distributed Object Information Systems
ITB236	Object-Oriented Analysis And Design
ITB254	Interactivity Design

#### **Multimedia Area**

ITB243	Knowledge-Based Systems
ITB254	Interactivity Design
ITB257	Multimedia Systems
ITB260	E-Commerce Site Development
ITB259	Advanced Multimedia Technologies

#### **Programming Area**

ITB223	4GL Systems
ITB254	Interactivity Design

ITB258 ABAP Programming  
 ITB260 E-Commerce Site Development

Creative Industries Faculty Core Unit - See List A  
 Double Major/Extended Major/Specialisation Unit  
 Double Major/Extended Major/Specialisation Unit  
 Creative Industries Elective - See List B

## ■ Bachelor of Journalism/Bachelor of Business (IF05)

**Award title:** Bachelor of Journalism/Bachelor of Business

**CRICOS code:** 040312G

**Location:** Gardens Point

**Course duration (full-time):** 4.5/5 Years (8 or 9 Semesters - students may choose)

**Total credit points:** 432

**Standard credit points per semester (full-time):** 48 (Years 1 & 2); 60 (Years 3 & 4)

**Course coordinator:** Roger Patching (Creative Industries) 3864 1360; Mr Andrew Paltridge (Business) 3864 2343

**Discipline coordinator:** Ms Gayle Kerr (Advertising); Mr Simon Ridings (International Business); Ms Robina Xavier (Public Relations)

### Professional Membership

Depending on the choice of major, extended major or specialisation, graduates may be eligible for membership of:

- Advertising - Advertising Federation of Australia, Australian Association of National Advertisers, Australian Direct Marketing Association.
- International Business - Economic Society of Australia, Australasian Institute of Export.
- Public Relations - Public Relations Institute of Australia.
- The Journalism degree is recognised by the Australian Journalists Association section of the Media Entertainment and Arts Alliance.

### Course structure - Advertising (8 Semester concurrent model)

#### Year 1, Semester 1

BSB122 Business Information Analysis And Communication  
 BSB126 Marketing  
 KJB101 Journalism Information Systems  
 KJB120 Newswriting

#### Year 1, Semester 2

AMB200 Consumer Behaviour  
 AMB220 Advertising Theory And Practice  
 KJB121 Journalistic Inquiry  
 KCB213 Strategic Speech Communication

#### Year 2, Semester 1

AMB222 Media Planning  
 BSB119 International And Electronic Business  
 KPB155 Media Production  
 KJB239 Journalism Ethics And Issues

#### Year 2, Semester 2

AMB221 Advertising Copywriting  
 KJB232 Radio And Television Journalism 1  
 KJB224 Feature Writing  
 Double Major/Extended Major/Specialisation Unit

#### Year 3, Semester 1

BSB113 Economics  
 BSB115 Management, People And Organisations  
 KJB232 Radio And Television Journalism 1  
 KJB338 Radio And Television Journalism 2  
 Double Major/Extended Major/Specialisation Unit

#### Year 3, Semester 2

BSB110 Accounting  
 BSB114 Government, Business And Society  
 KJB303 News Production  
 KJB337 Public Affairs Reporting  
 Double Major/Extended Major/Specialisation Unit

#### Year 4, Semester 1

AMB320 Advertising Management  
 BSB111 Business Law And Ethics  
 KWB250 Introduction To Creative Writing  
 Creative Industries Faculty Core Unit  
 Double Major/Extended Major/Specialisation Unit

#### Year 4, Semester 2

AMB321 Advertising Campaigns

### Course structure - Advertising (9 Semester concurrent model)

#### Year 1, Semester 1

BSB122 Business Information Analysis And Communication  
 BSB126 Marketing  
 KJB101 Journalism Information Systems  
 KJB120 Newswriting

#### Year 1, Semester 2

AMB200 Consumer Behaviour  
 AMB220 Advertising Theory And Practice  
 KJB121 Journalistic Inquiry  
 KCB213 Strategic Speech Communication

#### Year 2, Semester 1

AMB222 Media Planning  
 BSB119 International And Electronic Business  
 KPB155 Media Production  
 KJB239 Journalism Ethics And Issues

#### Year 2, Semester 2

AMB221 Advertising Copywriting  
 KJB232 Radio And Television Journalism 1  
 KJB224 Feature Writing  
 Double Major/Extended Major/Specialisation Unit

#### Year 3, Semester 1

BSB115 Management, People And Organisations  
 KJB322 Desktop Publishing And Editing  
 KJB338 Radio And Television Journalism 2  
 Double Major/Extended Major/Specialisation Unit

#### Year 3, Semester 2

BSB114 Government, Business And Society  
 KJB303 News Production  
 KJB337 Public Affairs Reporting  
 Double Major/Extended Major/Specialisation Unit

#### Year 4, Semester 1

AMB320 Advertising Management  
 BSB111 Business Law And Ethics  
 KWB250 Introduction To Creative Writing  
 Double Major/Extended Major/Specialisation Unit

#### Year 4, Semester 2

AMB321 Advertising Campaigns  
 Creative Industries Core Unit - See List A  
 Double Major/Extended Major/Specialisation Unit  
 Creative Industries Elective - See List B

#### Year 5, Semester 1

BSB110 Accounting  
 BSB113 Economics  
 Creative Industries Core Unit - See List A  
 Double Major/Extended Major/Specialisation Unit

### Course structure - International Business (With no Language - 8 Semester Concurrent Model)

#### Year 1, Semester 1

BSB114 Government, Business And Society  
 BSB119 International And Electronic Business  
 KJB101 Journalism Information Systems  
 KJB120 Newswriting

#### Year 1, Semester 2

BSB113 Economics  
 BSB115 Management, People And Organisations  
 KJB121 Journalistic Inquiry  
 KCB213 Strategic Speech Communication

#### Year 2, Semester 1

BSB110 Accounting  
 BSB126 Marketing  
 KPB155 Media Production  
 KJB239 Journalism Ethics And Issues

#### Year 2, Semester 2

IBB202 Business And The World Economy  
 IBB211 Globalisation And Business  
 KJB232 Radio And Television Journalism 1  
 KJB224 Feature Writing

#### Year 3, Semester 1

IBB210 Export Management  
 KJB322 Desktop Publishing And Editing  
 KJB338 Radio And Television Journalism 2

Area Study 1  
Double Major/Extended Major/Specialisation Unit

**Year 3, Semester 2**

BSB111 Business Law And Ethics  
KJB303 News Production  
KJB337 Public Affairs Reporting  
Area Study 2  
Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 1**

BSB122 Business Information Analysis and Communication  
KWB250 Introduction To Creative Writing  
Creative Industries Core Unit - See List A  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 2**

IBB300 International Business Strategy  
Creative Industries Elective - See List B  
Creative Industries Core Unit - See List A  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

**Area Study Options - Choose one of the following pairs of units:**

IBB208 European Business Development  
IBB308 Contemporary Business In Europe  
OR  
IBB217 Asian Business Development  
IBB317 Contemporary Business In Asia

**Course structure - International Business (With no Language - 9 Semester Concurrent Model)****Year 1, Semester 1**

BSB114 Government, Business And Society  
BSB119 International And Electronic Business  
KJB101 Journalism Information Systems  
KJB120 Newswriting

**Year 1, Semester 2**

BSB113 Economics  
BSB115 Management, People And Organisations  
KJB121 Journalistic Inquiry  
KCB213 Strategic Speech Communication

**Year 2, Semester 1**

BSB110 Accounting  
BSB126 Marketing  
KPB155 Media Production  
KJB239 Journalism Ethics And Issues

**Year 2, Semester 2**

IBB202 Business And The World Economy  
IBB211 Globalisation And Business  
KJB232 Radio And Television Journalism 1  
KJB224 Feature Writing

**Year 3, Semester 1**

IBB210 Export Management  
KJB322 Desktop Publishing And Editing  
KJB338 Radio And Television Journalism 2  
Area Study 1

**Year 3, Semester 2**

BSB111 Business Law And Ethics  
KJB303 News Production  
KJB337 Public Affairs Reporting  
Area Study 2

**Year 4, Semester 1**

BSB122 Business Information Analysis and Communication  
KWB250 Introduction To Creative Writing  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 2**

IBB300 International Business Strategy  
Creative Industries Core Unit - See List A  
Creative Industries Elective - See List B  
Double Major/Extended Major/Specialisation Unit

**Year 5, Semester 1**

Creative Industries Core Unit - See List A  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit  
Double Major/Extended Major/Specialisation Unit

**Area Study Options - Choose one of the following pairs of units:**

IBB208 European Business Development  
IBB308 Contemporary Business In Europe  
OR  
IBB217 Asian Business Development

IBB317 Contemporary Business In Asia

**Course structure - International Business (With Language - 8 Semester Concurrent Model)****Year 1, Semester 1**

BSB119 International And Electronic Business  
KJB101 Journalism Information Systems  
KJB120 Newswriting  
Language 1

**Year 1, Semester 2**

BSB113 Economics  
KJB121 Journalistic Inquiry  
KCB213 Strategic Speech Communication  
Language 2

**Year 2, Semester 1**

BSB126 Marketing  
KPB155 Media Production  
KJB239 Journalism Ethics And Issues  
Language 3

**Year 2, Semester 2**

IBB202 Business And The World Economy  
KJB232 Radio And Television Journalism 1  
KJB224 Feature Writing  
Language 4

**Year 3, Semester 1**

BSB114 Government, Business And Society  
BSB122 Business Information Analysis And Communication  
KJB322 Desktop Publishing And Editing  
KJB338 Radio And Television Journalism 2  
Language 5

OR

IBB205 Cross-Cultural Communication And Negotiation

**Year 3, Semester 2**

BSB110 Accounting  
IBB211 Globalisation And Business  
KJB303 News Production  
KJB337 Public Affairs Reporting  
OR  
International Business Elective Unit (IBB2xx, IBB3xx)

**Year 4, Semester 1**

BSB115 Management, People And Organisations  
IBB210 Export Management  
KWB250 Introduction To Creative Writing  
Area Study 1  
Creative Industries Faculty Core Unit - see list below

**Year 4, Semester 2**

BSB111 Business Law And Ethics  
IBB300 International Business Strategy  
Area Study 2  
Creative Industries Elective - See List B  
Creative Industries Core Unit - See List A

**Area Study Units**

Students must complete one of the following pairs of study units:

IBB200 Asian Business Development  
IBB317 Contemporary Business In Asia  
OR

IBB208 European Business Development  
IBB300 International Business Strategy

**List Of Languages:**

French  
Indonesian  
Japanese  
German

**Course structure - International Business (With Language - 9 Semester Concurrent Model)****Year 1, Semester 1**

BSB119 International And Electronic Business  
KJB101 Journalism Information Systems  
KJB120 Newswriting  
Language 1

**Year 1, Semester 2**

BSB113 Economics  
KJB121 Journalistic Inquiry  
KCB213 Strategic Speech Communication  
Language 2

**Year 2, Semester 1**

BSB126 Marketing  
KPB155 Media Production

KJB239	Journalism Ethics And Issues Language 3
<b>Year 2, Semester 2</b>	
IBB202	Business And The World Economy
KJB232	Radio And Television Journalism 1
KJB224	Feature Writing Language 4
<b>Year 3, Semester 1</b>	
BSB122	Business Information Analysis And Communication
KJB322	Desktop Publishing And Editing
KJB338	Radio And Television Journalism 2 Language 5 OR
IBB205	Cross-Cultural Communication And Negotiation
<b>Year 3, Semester 2</b>	
IBB211	Globalisation And Business
KJB303	News Production
KJB337	Public Affairs Reporting Language 6 OR
	International Business Elective Unit (IBB2xx, IBB3xx)
<b>Year 4, Semester 1</b>	
BSB115	Management, People And Organisations
IBB210	Export Management
KWB250	Introduction To Creative Writing Area Study 1
<b>Year 4, Semester 2</b>	
IBB300	International Business Strategy Area Study 2 Creative Industries Elective - See List B Creative Industries Core Unit - See List A
<b>Year 5, Semester 1</b>	
BSB110	Accounting
BSB111	Business Law And Ethics
BSB114	Government, Business And Society Creative Industries Core Unit - See List A
<b>Area Study Units</b>	
Students must complete one fo the following pairs of study units:	
IBB217	Asian Business Development
IBB317	Contemporary Business In Asia OR
IBB208	European Business Development
IBB300	International Business Strategy
<b>List Of Languages:</b>	
French	
Indonesian	
Japanese	
German	
<b>Course structure - Public Relations (8 Semester concurrent model)</b>	
<b>Year 1, Semester 1</b>	
BSB122	Business Information Analysis And Communication
BSB126	Marketing
KJB101	Journalism Information Systems
KJB120	Newswriting
<b>Year 1, Semester 2</b>	
AMB260	Public Relations Theory And Practice
BSB119	International And Electronic Business
KJB121	Journalistic Inquiry
KCB213	Strategic Speech Communication
<b>Year 2, Semester 1</b>	
AMB201	Market And Audience Research
AMB261	Media Relations And Publicity
KJB239	Journalism Ethics And Issues
KPB155	Media Production
<b>Year 2, Semester 2</b>	
AMB262	Public Relations Writing
KJB224	Feature Writing
KJB232	Radio And Television Journalism 1 Double Major/Extended Major/Specialisation Unit
<b>Year 3, Semester 1</b>	
BSB113	Economics
BSB115	Management, People And Organisations
KJB322	Desktop Publishing And Editing
KJB338	Radio And Television Journalism 2 Double Major/Extended Major/Specialisation Unit
<b>Year 3, Semester 2</b>	
BSB110	Accounting
BSB114	Government, Business And Society Creative Industries Faculty Core Unit - See List A Double Major/Extended Major/Specialisation Unit
<b>Year 4, Semester 1</b>	
AMB360	Corporate Communication Management
BSB111	Business Law And Ethics
KWB250	Introduction To Creative Writing Double Major/Extended Major/Specialisation Unit
<b>Year 4, Semester 2</b>	
AMB361	Public Relations Campaigns Creative Industries Faculty Core Unit - See List A Creative Industries Elective - See List B Double Major/Extended Major/Specialisation Unit
<b>Year 5, Semester 1</b>	
BSB110	Accounting
BSB114	Government, Business And Society Creative Industries Faculty Core Unit - See List A Double Major/Extended Major/Specialisation Unit

BSB114	Government, Business And Society
KJB303	News Production
KJB337	Public Affairs Reporting Double Major/Extended Major/Specialisation Unit

<b>Year 4, Semester 1</b>	
AMB360	Corporate Communication Management
BSB111	Business Law And Ethics
KWB250	Introduction To Creative Writing Double Major/Extended Major/Specialisation Unit Creative Industries Faculty Core Unit - See List A

<b>Year 4, Semester 2</b>	
AMB361	Public Relations Campaigns Creative Industries Elective - See List A Creative Industries Core Unit - See List A Double Major/Extended Major/Specialisation Unit Double Major/Extended Major/Specialisation Unit

### Course structure - Public Relations (9 Semester concurrent model)

<b>Year 1, Semester 1</b>	
BSB122	Business Information Analysis And Communication
BSB126	Marketing
KJB101	Journalism Information Systems
KJB120	Newswriting

<b>Year 1, Semester 2</b>	
AMB260	Public Relations Theory And Practice
BSB119	International And Electronic Business
KJB121	Journalistic Inquiry
KCB213	Strategic Speech Communication

<b>Year 2, Semester 1</b>	
AMB201	Market And Audience Research
AMB261	Media Relations And Publicity
KPB155	Media Production
KJB239	Journalism Ethics And Issues

<b>Year 2, Semester 2</b>	
AMB262	Public Relations Writing
KJB224	Feature Writing
KJB232	Radio And Television Journalism 1 Double Major/Extended Major/Specialisation Unit

<b>Year 3, Semester 1</b>	
BSB115	Management, People And Organisations
KJB322	Desktop Publishing And Editing
KJB338	Radio And Television Journalism 2 Double Major/Extended Major/Specialisation Unit

<b>Year 3, Semester 2</b>	
BSB113	Economics
KJB303	News Production
KJB337	Public Affairs Reporting Double Major/Extended Major/Specialisation Unit

<b>Year 4, Semester 1</b>	
AMB360	Corporate Communication Management
BSB111	Business Law And Ethics
KWB250	Introduction To Creative Writing Double Major/Extended Major/Specialisation Unit

<b>Year 4, Semester 2</b>	
AMB361	Public Relations Campaigns Creative Industries Faculty Core Unit - See List A Creative Industries Elective - See List B Double Major/Extended Major/Specialisation Unit

<b>Year 5, Semester 1</b>	
BSB110	Accounting
BSB114	Government, Business And Society Creative Industries Faculty Core Unit - See List A Double Major/Extended Major/Specialisation Unit

### List A Creative Industries Core Units

See Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93) for details.

### Creative Industries Faculty Elective List for 2003

See Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93) for details.

### List of Languages

The same language must be studied for at least four levels and unit codes are sequential (eg. French HHB670, HHB671, HHB672, HHB673), except French 7 (HHB678) and French 8 (HHB677). With the permission of the Major Coordinator, and where available, languages must be taken, including languages studied at another university. International students

must take a language that is not their native tongue. The language units are as follows:

#### French

1. Students without Year 12 Language qualifications in French should undertake the following unit sequence:

HHB061	French 1
HHB062	French 2
HHB063	French 3
HHB064	French 4
HHB065	French 5
HHB066	French 6

2. Students with Year 12 Language qualifications or equivalent in French should undertake the following unit sequence:

HHB063	French 3
HHB064	French 4
HHB065	French 5
HHB066	French 6
HHB067	French 7
HHB068	French 8

#### Indonesian

1. Students without Year 12 Language qualifications in French should undertake the following unit sequence:

HHB071	Indonesian 1
HHB072	Indonesian 2
HHB073	Indonesian 3
HHB074	Indonesian 4
HHB075	Indonesian 5
HHB076	Indonesian 6

2. Students with Year 12 Language qualifications or equivalent in French should undertake the following unit sequence:

HHB073	Indonesian 3
HHB074	Indonesian 4
HHB075	Indonesian 5
HHB076	Indonesian 6
HHB077	Indonesian 7
HHB078	Indonesian 8

#### Japanese

1. Students without Year 12 Language qualifications in French should undertake the following unit sequence:

HHB081	Japanese 1
HHB082	Japanese 2
HHB083	Japanese 3
HHB084	Japanese 4
HHB085	Japanese 5
HHB086	Japanese 6

2. Students with Year 12 Language qualifications or equivalent in French should undertake the following unit sequence:

HHB083	Japanese 3
HHB084	Japanese 4
HHB085	Japanese 5
HHB086	Japanese 6
HHB087	Japanese 7
HHB088	Japanese 8

#### German

1. Students without Year 12 Language qualifications in French should undertake the following unit sequence:

HHB091	German 1
HHB092	German 2
HHB093	German 3
HHB094	German 4
HHB095	German 5
HHB096	German 6

2. Students with Year 12 Language qualifications or equivalent in French should undertake the following unit sequence:

HHB093	German 3
HHB094	German 4
HHB095	German 5
HHB096	German 6
HHB097	German 7
HHB098	German 8

## ■ Bachelor of Journalism/Bachelor of Laws (IF07)

**Award title:** Bachelor of Journalism/Bachelor of Laws

**CRICOS code:** 040313G

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 5 Years

**Total credit points:** 528

**Standard credit points per semester (full-time):** 48(Semesters 3,4,5,6,9+10), 60(Semesters 1,2,7+8)

**Course coordinator:** Roger Patching (Creative Industries); Dr Geraldine Mackenzie, Director, Undergraduate Programs (Law)

### Professional Recognition

The law degree component covers all the law units required for admission as a legal practitioner in Australia and is approved for the purposes of the Solicitors' and Barristers' Admission Rules.

### Course structure

#### Year 1, Semester 1

KJB101	Journalism Information Systems
KJB120	Newswriting Creative Industries Core Unit - See List A Introduction to Legal Research
LWB141	Legal Institutions And Method
LWB142	Law, Society And Justice

#### Year 1, Semester 2

KJB121	Journalistic Inquiry
KCB213	Strategic Speech Communication Creative Industries Core Unit - See List A
LWB143	Legal Research And Writing
LWB144	Laws And Global Perspectives

#### Year 2, Semester 1

KJB239	Journalism Ethics And Issues
KJB224	Feature Writing
KPB155	Media Production
LWB136	Contracts A

#### Year 2, Semester 2

KJB232	Radio And Television Journalism 1
KCB336	New Media Technologies Creative Industries Elective - See List A
LWB137	Contracts B

#### Year 3, Semester 1

KJB322	Desktop Publishing And Editing
KJB338	Radio And Television Journalism 2
LWB138	Fundamentals Of Torts
LWB238	Fundamentals Of Criminal Law

#### Year 3, Semester 2

KJB303	News Production
KJB337	Public Affairs Reporting
LWB139	Select Issues In Torts
LWB239	Criminal Responsibility

#### Year 4, Semester 1

LWB231	Introduction To Public Law
LWB236	Real Property A
LWB240	Principles Of Equity
LWB332	Commercial And Personal Property Law
LWB333	Theories Of Law

#### Year 4, Semester 2

LWB235	Australian Federal Constitutional Law
LWB237	Real Property B
LWB241	Trusts
LWB331	Administrative Law
LWB334	Corporate Law

#### Year 5, Semester 1

LWB431	Civil Procedure
LWB432	Evidence
LWB434	Advanced Research And Legal Reasoning
KWB250	Introduction To Creative Writing

#### Year 5, Semester 2

LWB433	Professional Responsibility Creative Industries Elective Elective Units
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### List A Creative Industries Core Units

See Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93) for details.

**Creative Industries Faculty Elective List for 2003**

See Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93) for details.

**■ Bachelor of Mass Communication (IF27)**

**Award title:** Bachelor of Mass Communication

**CRICOS code:** 037542J

**Location:** Gardens Point

**Course duration (full-time):** 3 Years

**Course duration (part-time):** 6 years (Many units in this degree will only be offered in daytime mode).

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Creative Industries: Dr Christina Spurgeon

**Discipline coordinator:** Creative Industries - Media Communication: Ms Jillian Clare; Television: Ms Helen Yeates; Journalism: Mr Roger Patching; Business - Advertising and Public Relations: Ms Robina Xavier

**Degree Structure**

Students commencing the Bachelor of Mass Communication must complete 24 units of equal weighting totalling 288 credit points comprised of a. Faculty Core (eight faculty core units) b. Major Core (two majors of six units each) and c. Electives (four units).

Although studies can be tailored to meet a specific career goal or create a wide variety of career choices, there is a set of recommended combinations of majors. Students are not required to take these combinations, however they do represent the more common and logical choices within a mass communication qualification.

The recommended combinations are:

- Public Relations and International Journalism
- Public Relations and Media and Communication
- Advertising and Television
- International Journalism and Media and Communication.

**Professional Recognition**

Graduates of the Bachelor of Mass Communication (depending on their choice of majors) may satisfy the academic requirements for membership of the Advertising Institute of Australia, the Society of Business Communicators and the Public Relations Institute of Australia.

**General Course structure****FACULTY CORE UNITS - 8 units required**

KCB101	Communication in the New Economy
KCB213	Strategic Speech Communication
KKB618	Writing For Creative Industries
KKB818	Introduction To Multimedia Technology
BSB126	Marketing
AMB201	Market And Audience Research
AMB220	Advertising Theory And Practice
AMB260	Public Relations Theory And Practice

\* Students intending to take the Television sub-major are required to take KWB111 Media Writing in place of KKB618 Writing for the Creative Industries.

**MAJOR CORE UNITS - 12 units required - Select two of the following 6 units majors****Advertising**

AMB200	Consumer Behaviour
AMB221	Advertising Copywriting
AMB222	Media Planning
AMB320	Advertising Management
AMB330	Advertising Strategy And Planning

Plus one of the following units:

AMB202	Integrated Marketing Communication
AMB230	Internet Promotion

**Media and Communication**

KCB150	Media And Communications Industries
KCB336	New Media Technologies
KWB314	Corporate Writing And Editing

KCB335	Managing Communication Resources
KCB311	Political Communication
KCB349	Media Audiences

\* Students may enrol in KCB351 Media and Communication Industry Placement 1 instead of KCB311 Political Communication subject to the approval of the Media and Communication Major Coordinator

**Public Relations**

AMB261	Media Relations And Publicity
AMB262	Public Relations Writing
AMB230	Internet Promotion
AMB370	Public Relations Cases
AMB361	Public Relations Campaigns

Plus one of the following units:

AMB202	Integrated Marketing Communication
AMB231	Marketing Communications Regulations And Ethics

**Television**

KPB155	Media Production
KPB185	Informational Production
KPB314	Media Business
KPB260	Community And Educational Video
KPB265	Corporate Production

**International Journalism**

KJB101	Journalism Information Systems
KJB120	Newswriting
KJB121	Journalistic Inquiry
KJB224	Feature Writing
KJB280	International Journalism
KJB337	Public Affairs Reporting

\*\* Students may enrol in KJB335 Professional Media Practice instead of KJB337 Public Affairs Reporting subject to the approval of the Journalism Major Coordinator

**Electives - 4 units required**

Select four units from any Faculty.

**Course structure - Advertising/International Journalism****Year 1, Semester 1**

KJB101	Journalism Information Systems
KKB618	Writing For Creative Industries
KCB101	Communication in the New Economy
BSB126	Marketing

**Year 1, Semester 2**

KKB818	Introduction To Multimedia Technology
KJB120	Newswriting
AMB200	Consumer Behaviour
AMB220	Advertising Theory And Practice

**Year 2, Semester 1**

KJB121	Journalistic Inquiry
AMB201	Market And Audience Research
AMB222	Media Planning
AMB260	Public Relations Theory And Practice

**Year 2, Semester 2**

KCB213	Strategic Speech Communication
KJB280	International Journalism
AMB221	Advertising Copywriting

Elective

**Year 3, Semester 1**

KJB224	Feature Writing
AMB320	Advertising Management
AMB330	Advertising Strategy And Planning

Elective

**Year 3, Semester 2**

KJB337	Public Affairs Reporting
AMB202	Integrated Marketing Communication

OR

AMB230	Internet Promotion
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Elective

Elective

\* Students may enrol in KJB335 Professional Media Practice instead of KJB337 subject to approval of the Journalism Major Coordinator

**Course structure - Advertising/Media & Communication****Year 1, Semester 1**

KCB101	Communication in the New Economy
KKB618	Writing For Creative Industries
KCB213	Strategic Speech Communication
BSB126	Marketing

**Year 1, Semester 2**

KCB336 New Media Technologies  
 AMB200 Consumer Behaviour  
 AMB220 Advertising Theory And Practice  
 AMB260 Public Relations Theory And Practice

**Year 2, Semester 1**

KKB818 Introduction To Multimedia Technology  
 KCB349 Media Audiences  
 AMB201 Market And Audience Research  
 AMB222 Media Planning

**Year 2, Semester 2**

KCB150 Media And Communications Industries  
 KWB314 Corporate Writing And Editing  
 AMB221 Advertising Copywriting  
 Elective

**Year 3, Semester 1**

KCB311 Political Communication  
 AMB320 Advertising Management  
 AMB330 Advertising Strategy And Planning  
 Elective

**Year 3, Semester 2**

KCB335 Managing Communication Resources  
 AMB202 Integrated Marketing Communication  
 OR

AMB230 Internet Promotion  
 Elective  
 Elective

\* Students may enrol in KCB351 Media & Communication Industry Placement 1 instead of KCB311 Political Communication, subject to the approval of the Media & Communication Major Coordinator.

**Course structure - Advertising/Television**

**Year 1, Semester 1**

KCB213 Strategic Speech Communication  
 KKB818 Introduction To Multimedia Technology  
 KWB111 Media Writing  
 BSB126 Marketing

**Year 1, Semester 2**

KCB101 Communication in the New Economy  
 AMB200 Consumer Behaviour  
 AMB220 Advertising Theory And Practice  
 AMB260 Public Relations Theory And Practice

**Year 2, Semester 1**

KPB155 Media Production  
 AMB201 Market And Audience Research  
 AMB222 Media Planning  
 Elective

**Year 2, Semester 2**

KPB185 Informational Production  
 AMB320 Advertising Management  
 Elective  
 Elective

**Year 3, Semester 1**

KPB314 Media Business  
 KPB260 Community And Educational Video  
 AMB330 Advertising Strategy And Planning  
 AMB221 Advertising Copywriting

**Year 3, Semester 2**

KPB265 Corporate Production  
 AMB202 Integrated Marketing Communication  
 OR  
 AMB230 Internet Promotion  
 Elective

**Course structure - Advertising/Public Relations**

**Year 1, Semester 1**

KCB101 Communication in the New Economy  
 KCB213 Strategic Speech Communication  
 KKB618 Writing For Creative Industries  
 BSB126 Marketing

**Year 1, Semester 2**

AMB200 Consumer Behaviour  
 AMB201 Market And Audience Research  
 AMB220 Advertising Theory And Practice  
 AMB260 Public Relations Theory And Practice

**Year 2, Semester 1**

KKB818 Introduction To Multimedia Technology  
 AMB222 Media Planning

AMB230 Internet Promotion  
 AMB261 Media Relations And Publicity

**Year 2, Semester 2**

AMB262 Public Relations Writing  
 AMB231 Marketing Communications Regulations And Ethics  
 AMB221 Advertising Copywriting  
 Elective

**Year 3, Semester 1**

AMB202 Integrated Marketing Communication  
 AMB370 Public Relations Cases  
 AMB330 Advertising Strategy And Planning  
 Elective

**Year 3, Semester 2**

AMB381 Public Relations Campaigns  
 AMB320 Advertising Management  
 Elective  
 Elective

**Course structure - Public Relations/International Journalism**

**Year 1, Semester 1**

KCB101 Communication in the New Economy  
 KKB618 Writing For Creative Industries  
 KJB101 Journalism Information Systems  
 BSB126 Marketing

**Year 1, Semester 2**

KJB120 Newswriting  
 KCB213 Strategic Speech Communication  
 AMB220 Advertising Theory And Practice  
 AMB260 Public Relations Theory And Practice

**Year 2, Semester 1**

KJB121 Journalistic Inquiry  
 AMB201 Market And Audience Research  
 AMB230 Internet Promotion  
 AMB261 Media Relations And Publicity

**Year 2, Semester 2**

KKB818 Introduction To Multimedia Technology  
 KJB280 International Journalism  
 AMB262 Public Relations Writing  
 Elective

**Year 3, Semester 1**

KJB224 Feature Writing  
 AMB370 Public Relations Cases  
 Elective  
 Elective

**Year 3, Semester 2**

KJB337 Public Affairs Reporting  
 AMB202 Integrated Marketing Communication  
 OR  
 AMB231 Marketing Communications Regulations And Ethics  
 AMB361 Public Relations Campaigns  
 Elective

\* Students may enrol in KJB335 Professional Media Practice instead of KJB337 subject to approval of the Journalism Discipline Coordinator

**Course structure - Public Relations/Media & Communication**

**Year 1, Semester 1**

KCB101 Communication in the New Economy  
 KKB618 Writing For Creative Industries  
 KCB213 Strategic Speech Communication  
 BSB126 Marketing

**Year 1, Semester 2**

KCB336 New Media Technologies  
 AMB201 Market And Audience Research  
 AMB220 Advertising Theory And Practice  
 AMB260 Public Relations Theory And Practice

**Year 2, Semester 1**

KCB150 Media And Communications Industries  
 KKB818 Introduction To Multimedia Technology  
 KCB349 Media Audiences  
 AMB261 Media Relations And Publicity

**Year 2, Semester 2**

KWB314 Corporate Writing And Editing  
 AMB230 Internet Promotion  
 AMB262 Public Relations Writing  
 Elective

**Year 3, Semester 1**

KCB335 Managing Communication Resources  
 AMB370 Public Relations Cases  
 Elective  
 Elective

**Year 3, Semester 2**

KCB311 Political Communication  
 AMB202 Integrated Marketing Communication  
 OR  
 AMB231 Marketing Communications Regulations And Ethics  
 AMB361 Public Relations Campaigns  
 Elective  
 \* Students may enrol in KCB351 Media & Communication  
 Industry Placement 1 instead of KCB311 Political  
 Communication, subject to the approval of the Media &  
 Communication Major Coordinator.

**Course structure - Public Relations/Television**
**Year 1, Semester 1**

KCB101 Communication in the New Economy  
 KWB111 Media Writing  
 KCB213 Strategic Speech Communication  
 BSB126 Marketing

**Year 1, Semester 2**

KKB818 Introduction To Multimedia Technology  
 AMB220 Advertising Theory And Practice  
 AMB260 Public Relations Theory And Practice

**Year 2, Semester 1**

KPB155 Media Production  
 AMB201 Market And Audience Research  
 AMB261 Media Relations And Publicity  
 Elective

**Year 2, Semester 2**

KPB185 Informational Production  
 AMB230 Internet Promotion  
 AMB262 Public Relations Writing  
 Elective

**Year 3, Semester 1**

KPB314 Media Business  
 KPB260 Community And Educational Video  
 AMB370 Public Relations Cases  
 Elective

**Year 3, Semester 2**

KPB265 Corporate Production  
 AMB202 Integrated Marketing Communication  
 OR  
 AMB231 Marketing Communications Regulations And Ethics  
 AMB361 Public Relations Campaigns  
 Elective

**Course structure - Media & Communication/Television**
**Year 1, Semester 1**

KCB150 Media And Communications Industries  
 KCB213 Strategic Speech Communication  
 KWB111 Media Writing  
 BSB126 Marketing

**Year 1, Semester 2**

KCB336 New Media Technologies  
 KKB818 Introduction To Multimedia Technology  
 AMB260 Public Relations Theory And Practice  
 AMB220 Advertising Theory And Practice

**Year 2, Semester 1**

KCB101 Communication in the New Economy  
 KPB155 Media Production  
 AMB201 Market And Audience Research  
 Elective

**Year 2, Semester 2**

KCB335 Managing Communication Resources  
 KPB185 Informational Production  
 Elective  
 Elective

**Year 3, Semester 1**

KCB311 Political Communication  
 KPB314 Media Business  
 KCB349 Media Audiences  
 KPB260 Community And Educational Video

**Year 3, Semester 2**

KWB314 Corporate Writing And Editing  
 KPB265 Corporate Production

\* Students may enrol in KCB351 Media & Communication  
 Industry Placement 1 instead of KCB311 Political  
 Communication, subject to the approval of the Media &  
 Communication Major Coordinator.

**Course structure - Media & Communication/International Journalism**
**Year 1, Semester 1**

KCB101 Communication in the New Economy  
 KKB618 Writing For Creative Industries  
 KJB101 Journalism Information Systems  
 BSB126 Marketing

**Year 1, Semester 2**

KJB120 Newswriting  
 KCB336 New Media Technologies  
 AMB260 Public Relations Theory And Practice  
 KCB213 Strategic Speech Communication

**Year 2, Semester 1**

KJB121 Journalistic Inquiry  
 KKB818 Introduction To Multimedia Technology  
 AMB201 Market And Audience Research  
 AMB220 Advertising Theory And Practice

**Year 2, Semester 2**

KCB150 Media And Communications Industries  
 KJB280 International Journalism  
 KCB335 Managing Communication Resources  
 Elective

**Year 3, Semester 1**

KJB224 Feature Writing  
 KCB311 Political Communication  
 KCB349 Media Audiences  
 Elective

**Year 3, Semester 2**

KJB337 Public Affairs Reporting  
 KWB314 Corporate Writing And Editing  
 Elective  
 Elective

\* Students may enrol in KCB351 Media & Communication  
 Industry Placement 1 instead of KCB311 Political  
 Communication, subject to the approval of the Media &  
 Communication Major Coordinator.

\*\* Students may enrol in KJB335 Professional Media  
 Practice instead of KJB337 subject to approval of the  
 Journalism Major Coordinator.

**Course structure - Television/International Journalism**
**Year 1, Semester 1**

KJB101 Journalism Information Systems  
 KWB111 Media Writing  
 KCB101 Communication in the New Economy  
 BSB126 Marketing

**Year 1, Semester 2**

KCB213 Strategic Speech Communication  
 KJB120 Newswriting  
 AMB220 Advertising Theory And Practice  
 AMB260 Public Relations Theory And Practice

**Year 2, Semester 1**

KKB818 Introduction To Multimedia Technology  
 KPB155 Media Production  
 KJB121 Journalistic Inquiry  
 AMB201 Market And Audience Research

**Year 2, Semester 2**

KJB280 International Journalism  
 KPB185 Informational Production  
 Elective  
 Elective

**Year 3, Semester 1**

KJB224 Feature Writing  
 KPB314 Media Business  
 KPB260 Community And Educational Video  
 Elective

**Year 3, Semester 2**

KJB337 Public Affairs Reporting  
 KPB265 Corporate Production  
 Elective

\* Students may enrol in KJB335 Professional Media Practice  
 instead of KJB337 subject to approval of the Journalism  
 Discipline Coordinator



## ■ Bachelor of Music/Bachelor of Education (Secondary) (IF77)

**Award title:** Bachelor of Music/Bachelor of Education

**CRICOS code:** 020319M

**Location:** Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 54 (average).  
(Note that the minimum enrolment for full-time status varies each year).

**Course coordinator:** Education Coordinator: Dr Gordon Tait, Creative Industries; Assoc Prof Adrian Thomas

### Note

Restricted intake in 2003.

The Bachelor of Music/Bachelor of Education (Secondary) IF77 course has been replaced by a newly coded Bachelor of Music/Bachelor of Education (Secondary) IX07 course with effect from 2003. There will be no new intake into this course in 2003 with the exception of students commencing their studies with significant advanced standing from previous tertiary level study.

### General

This four-year professional double degree prepares students to teach secondary school Music in Australian schools. In the first two years you may specialise in a range of performance and production areas (refer to Bachelor of Music). In addition students may opt to take a second teaching area selected from Dance, Drama, Visual Art, English, Film and Media Studies, Geography, History and Languages, or alternatively, study instrumental music teaching or primary specialist music teaching. Students taking the instrumental music strand are also encouraged to take second study instruments. In the final two years students concentrate on teacher preparation with Music curriculum units equipping students with the skills necessary to be effective Music educators.

### B Music/B Ed (Secondary) Secondary Classroom Music with Instrumental Music as STA

#### Year 1, Semester 1

- KMB651 Music Performance Studies 1  
OR  
KMB657 Music Production Studies 1  
KMB632 Core Musicianship 1  
KMB619 Music And Sound Technology  
Creative Industries Core Unit - List A  
Choose one unit from:  
KMB640 Sex Drugs Rock N Roll  
KMB631 World Music  
KMB618 Soundtracks For Film And Television  
KMB616 Ensemble Project A

#### Year 1, Semester 2

- KMB652 Music Performance Studies 2  
OR  
KMB658 Music Production Studies 2  
KMB633 Core Musicianship 2  
KMB621 Sound Recording And Acoustics  
Creative Industries Core Unit - List A  
Choose one unit from:  
KMB622 Second Study 1  
KMB638 Sound And Image  
KMB626 Music And Sound For Multimedia  
KMB616 Ensemble Project A

#### Year 2, Semester 1

- KMB653 Music Performance Studies 3  
KMB637 Jazz And Popular Music Musicianship  
OR  
KMB636 Cross Cultural Musicianship  
KMB630 Music Textures  
Education Unit (See Faculty of Education Component)  
KMB623 Conducting

#### Year 2, Semester 2

- KMB654 Music Performance Studies 4

- KMB635 Sound Media Musicianship  
OR  
KMB634 Contemporary Art Music Musicianship  
Education Unit (See Faculty of Education component)  
Choose two units from:  
KMB628 Second Study 2  
KMB638 Sound And Image  
KMB617 Arranging  
KMB648 The Music Scene

#### Year 3, Semester 1

- Education Unit (See Faculty of Education component)  
Education Unit (See Faculty of Education Component)  
Choose two units from:  
KMB618 Soundtracks For Film And Television  
KMB616 Ensemble Project A  
KMB623 Conducting  
KMB629 Ensemble Project B  
KMB631 World Music  
KMB640 Sex Drugs Rock N Roll  
OR  
Choose KMB629 Ensemble Project B only and enrol in KMB639 Music Directing (year long unit; prereq KMB629) in Year 4.  
Please Note: KMB639 is the ONLY music unit which can be taken in year 4 and only then if it can accommodate the requirements of full-time teaching practice.

### B Music/B Ed (Secondary) - Secondary Classroom Music with Primary Music as STA

#### Year 1, Semester 1

- KMB651 Music Performance Studies 1  
OR  
KMB657 Music Production Studies 1  
KMB632 Core Musicianship 1  
KMB619 Music And Sound Technology  
Creative Industries Core Unit - List A  
Choose one unit from:  
KMB640 Sex Drugs Rock N Roll  
KMB631 World Music  
KMB618 Soundtracks For Film And Television  
KMB616 Ensemble Project A

#### Year 1, Semester 2

- KMB652 Music Performance Studies 2  
OR  
KMB658 Music Production Studies 2  
KMB633 Core Musicianship 2  
KMB621 Sound Recording And Acoustics  
Creative Industries Core Unit - List A  
Choose one unit from:  
KMB622 Second Study 1  
KMB638 Sound And Image  
KMB626 Music And Sound For Multimedia  
KMB616 Ensemble Project A

#### Year 2, Semester 1

- KMB653 Music Performance Studies 3  
OR  
KMB659 Music Production Studies 3  
KMB637 Jazz And Popular Music Musicianship  
OR  
KMB636 Cross Cultural Musicianship  
KMB630 Music Textures  
Education Unit (See Faculty of Education Component)  
Choose one unit from:

- KMB640 Sex Drugs Rock N Roll  
KMB623 Conducting  
KMB631 World Music  
KMB618 Soundtracks For Film And Television  
KMB616 Ensemble Project A

#### Year 2, Semester 2

- KMB654 Music Performance Studies 4  
OR  
KMB660 Music Production Studies 4  
KMB635 Sound Media Musicianship  
OR  
KMB634 Contemporary Art Music Musicianship  
Education Unit (See Faculty of Education component)  
Choose two units from:  
KMB638 Sound And Image  
KMB617 Arranging

KMB626 Music And Sound For Multimedia  
 KMB628 Second Study 2  
 KMB648 The Music Scene  
 KMB616 Ensemble Project A

**Year 3, Semester 1**

Education Unit (See Faculty of Education component)  
 Education Unit (See Faculty of Education component)  
 Choose two units from:  
 KMB640 Sex Drugs Rock N Roll  
 KMB631 World Music  
 KMB623 Conducting  
 KMB618 Soundtracks For Film And Television  
 KMB616 Ensemble Project A  
 KMB629 Ensemble Project B  
 OR  
 Choose KMB629 Ensemble Project B only and enrol in  
 KMB639 Music Directing (year long unit; prereq KMB629)  
 in Year 4.  
 Please Note: KMB639 is the ONLY music unit which can be  
 taken in year 4 and only then if it can accommodate the  
 requirements of full-time teaching practice.

**B Music/B Ed - Music Specialisation with a STA in Dance**

**Year 1, Semester 1**

KMB651 Music Performance Studies 1  
 OR  
 KMB657 Music Production Studies 1  
 KMB632 Core Musicianship 1  
 KMB619 Music And Sound Technology  
 KDB180 Dance Technique Studies 1  
 Creative Industries Core Unit - List A

**Year 1, Semester 2**

KMB652 Music Performance Studies 2  
 OR  
 KMB658 Music Production Studies 2  
 KMB633 Core Musicianship 2  
 KMB621 Sound Recording And Acoustics  
 KDB114 Australian Dance  
 Creative Industries Core Unit

**Year 2, Semester 1**

KMB653 Music Performance Studies 3  
 OR  
 KMB659 Music Production Studies 3  
 KMB637 Jazz And Popular Music Musicianship  
 OR  
 KMB636 Cross Cultural Musicianship  
 KMB630 Music Textures  
 KDB180 Dance Technique Studies 1  
 KDB125 Deconstructing Dance In History

**Year 2, Semester 2**

KMB654 Music Performance Studies 4  
 OR  
 KMB660 Music Production Studies 4  
 KMB635 Sound Media Musicianship  
 OR  
 KMB634 Contemporary Art Music Musicianship  
 KDB106 The Analysis Of Modern Dance  
 KDB183 Dance Technique Studies 4  
 Education Unit (see Faculty of Education component)

**Year 3, Semester 1**

Education Unit (See Faculty of Education component)  
 Education Unit (See Faculty of Education Component)  
 Education Unit (See Faculty of Education Component)  
 KDB114 Australian Dance  
 Choose one unit from:  
 KMB623 Conducting  
 KMB640 Sex Drugs Rock N Roll  
 KMB631 World Music  
 KMB618 Soundtracks For Film And Television  
 KMB616 Ensemble Project A

**B Music/B Ed - Music Specialisation with a STA in Drama**

**Year 1, Semester 1**

KMB651 Music Performance Studies 1  
 OR  
 KMB657 Music Production Studies 1  
 KMB632 Core Musicianship 1

KMB619 Music And Sound Technology  
 KTB257 Studies In Acting 1  
 Creative Industries Core Unit

**Year 1, Semester 2**

KMB652 Music Performance Studies 2  
 OR  
 KMB658 Music Production Studies 2  
 KMB633 Core Musicianship 2  
 KMB621 Sound Recording And Acoustics  
 KTB251 20th Century Stages  
 Creative Industries Core Unit

**Year 2, Semester 1**

KMB653 Music Performance Studies 3  
 OR  
 KMB659 Music Production Studies 3  
 KMB637 Jazz And Popular Music Musicianship  
 OR  
 KMB636 Cross Cultural Musicianship  
 KMB630 Music Textures  
 KTB214 Process Drama  
 Education Unit (See Faculty of Education component)

**Year 2, Semester 2**

KMB654 Music Performance Studies 4  
 OR  
 KMB660 Music Production Studies 4  
 KMB635 Sound Media Musicianship  
 OR  
 KMB634 Contemporary Art Music Musicianship  
 Education Unit - TBA  
 KTB280 Drama As Social Action  
 KTB304 Forming Knowledge

**Year 3, Semester 1**

Education Unit (See Faculty of Education component)  
 Education Unit (See Faculty of Education Component)  
 Education Unit (See Faculty of Education Component)  
 Drama Elective - Choose one unit from:  
 KTB252 The Sound Of Theatre  
 KTB253 Staging Australia  
 KTB258 Studies In Acting 2  
 KSB259 The Performance Instrument: Body And Voice  
 KSB278 Technical Theatre  
 Music Elective - Choose one unit from:  
 KMB623 Conducting  
 KMB640 Sex Drugs Rock N Roll  
 KMB631 World Music  
 KMB618 Soundtracks For Film And Television  
 KMB616 Ensemble Project A

**B Music/B Ed - with a STA in Vis Arts**

**Year 1, Semester 1**

KMB651 Music Performance Studies 1  
 OR  
 KMB657 Music Production Studies 1  
 KMB632 Core Musicianship 1  
 KMB619 Music And Sound Technology  
 Creative Industries Core Unit  
 Studio Art Practice 3

**Year 1, Semester 2**

KMB652 Music Performance Studies 2  
 OR  
 KMB658 Music Production Studies 2  
 KMB633 Core Musicianship 2  
 KMB621 Sound Recording And Acoustics  
 KVB701 Modernism  
 Creative Industries Core Unit

**Year 2, Semester 1**

KMB653 Music Performance Studies 3  
 OR  
 KMB659 Music Production Studies 3  
 KMB637 Jazz And Popular Music Musicianship  
 OR  
 KMB636 Cross Cultural Musicianship  
 KMB630 Music Textures  
 Choose two from:  
 KVB447 Drawing  
 KVB457 Sculpture  
 KVB503 Clay Materials  
 KVB507 Painting  
 KVB509 Photographic Media

**Year 2, Semester 2**

- KMB654 Music Performance Studies 4  
OR  
KMB660 Music Production Studies 4  
KMB635 Sound Media Musicianship  
OR  
KMB634 Contemporary Art Music Musicianship  
Education Unit (See Faculty of Education component)  
Choose two from:  
KVB447 Drawing  
KVB457 Sculpture  
KVB503 Clay Materials  
KVB507 Painting  
KVB509 Photographic Media

**Year 3, Semester 1**

- Education Unit (See Faculty of Education component)  
Education Unit (See Faculty of Education component)  
Education Unit (See Faculty of Education component)  
Choose one from:  
KMB623 Conducting  
KMB640 Sex Drugs Rock N Roll  
KMB631 World Music  
KMB618 Soundtracks For Film And Television  
KMB616 Ensemble Project A

**B Music/B Ed - with a STA other than Drama, Dance, Vis Arts**

**Year 1, Semester 1**

- KMB651 Music Performance Studies 1  
OR  
KMB657 Music Production Studies 1  
KMB632 Core Musicianship 1  
KMB619 Music And Sound Technology  
Creative Industries Core Unit - List A  
STA Unit (List C)

**Year 1, Semester 2**

- KMB652 Music Performance Studies 2  
OR  
KMB658 Music Production Studies 2  
KMB633 Core Musicianship 2  
KMB621 Sound Recording And Acoustics  
Creative Industries Core Unit - List A  
STA Unit (List C)

**Year 2, Semester 1**

- KMB653 Music Performance Studies 3  
OR  
KMB659 Music Production Studies 3  
KMB637 Jazz And Popular Music Musicianship  
OR  
KMB636 Cross Cultural Musicianship  
KMB630 Music Textures  
STA Unit  
Choose one unit from:  
KMB623 Conducting  
KMB638 Sound And Image  
KMB631 World Music  
KMB618 Soundtracks For Film And Television  
KMB616 Ensemble Project A

**Year 2, Semester 2**

- KMB654 Music Performance Studies 4  
OR  
KMB660 Music Production Studies 4  
KMB635 Sound Media Musicianship  
OR  
KMB634 Contemporary Art Music Musicianship  
STA Unit (List C)  
Education Unit (See Faculty of Education component)  
Choose one unit from:  
KMB638 Sound And Image  
KMB617 Arranging  
KMB648 The Music Scene

**Year 3, Semester 1**

- Education Unit (See Faculty of Education component)  
Education Unit (See Faculty of Education component)  
Education Unit (See Faculty of Education component)  
STA Unit (List C)  
Choose one of the following units  
KMB623 Conducting  
KMB631 World Music

- KMB618 Soundtracks For Film And Television

**Creative Industries Core Units**

See Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93) for details.

**List C. Second Teaching Area Units**

See Bachelor of Creative Industries (Dance)/Bachelor of Education (Secondary) (IF75) for details.

**Faculty of Education Component**

Students must complete the 4 core Education units over the first 5 semesters of their course.

- EDB001 Teaching and Learning Studies 1: Teaching in New Times  
CLB341 Language, Technology And Education  
It is recommended that students take SPB001 before SPB002  
SPB001 Human Development And Education  
SPB002 Psychology Of Learning And Teaching

**Year 3, Semester 2**

- EDB450 Secondary Professional Practice 1: Classroom Management  
EDB451 Secondary Professional Practice 2: Curriculum Decision Making  
KMP423 Music Curriculum Studies 1  
Curriculum Studies (Second Teaching Area) 1

**Year 4, Semester 1**

- CLB306 Understanding Educational Practices  
EDB452 Secondary Professional Practice 3: The Inclusive Curriculum  
KMP431 Music Curriculum Studies 2  
Curriculum Studies (Second Teaching Area) 2

**Year 4, Semester 2**

- EDB453 Secondary Professional Practice 4: The Beginning Teacher  
Education Studies Elective  
Education Studies Elective  
Curriculum Studies Elective

**Alternative Year 4, Semester 2: Middle Years Pathway**

- EDB443 Professional Internship Of Associate Teaching  
SPB008 The Middle Years Of Schooling  
SPB022 The Middle Years Curriculum  
EDB453 Secondary Professional Practice 4: The Beginning Teacher

**Curriculum Studies - STA**

**List 1: Prerequisite 48cp in Discipline Studies**

- KDB421 Dance Curriculum Studies 1  
KTB414 Drama Curriculum Studies 1  
CLB325 English Curriculum Studies 1  
CLB327 Film And Media Curriculum Studies 1  
CLB361 Geography Curriculum Studies 1  
CLB363 History Curriculum Studies 1  
CLB329 LOTE Curriculum Studies 1  
KMP434 Music Curriculum Studies 1A  
KVB412 Art Curriculum Studies 1

**List 2: Prerequisite: Curriculum Studies 1**

- KDB429 Dance Curriculum Studies 2  
KTB415 Drama Curriculum Studies 2  
CLB326 English Curriculum Studies 2  
CLB328 Film And Media Curriculum Studies 2  
CLB362 Geography Curriculum Studies 2  
CLB364 History Curriculum Studies 2  
CLB330 LOTE Curriculum Studies 2  
KMP433 Music Curriculum Studies 2A  
KVB413 Art Curriculum Studies 2

**Education Studies Elective Units**

See Bachelor of Applied Science/Bachelor of Education (Secondary) (IF71) for details.

**Curriculum Studies Electives**

See Bachelor of Applied Science/Bachelor of Education (Secondary) (IF71) for details.

## ■ Bachelor of Music/Bachelor of Education (Secondary) (IX07)

**Award title:** Bachelor of Music/Bachelor of Education

**Location:** Kelvin Grove and Carseldine

**Course duration (full-time):** 4 years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 54 (average).  
(Note that the minimum enrolment for full-time status varies each year).

**Course coordinator:** Education Coordinator: Dr Gordon Tait,  
Creative Industries; Assoc Prof Adrian Thomas

### General

This four-year professional double degree prepares students to teach secondary school Music in Australian schools. In the first two years you may specialise in a range of performance and production areas (refer to Bachelor of Music). In addition students may opt to take a second teaching area selected from Dance, Drama, Visual Art, English, Film and Media Studies, Geography, History and Languages, or alternatively, study instrumental music teaching or primary specialist music teaching. Students taking the instrumental music strand are also encouraged to take second study instruments. In the final two years students concentrate on teacher preparation with Music curriculum units equipping students with the skills necessary to be effective Music educators.

### B Music/B Ed (Secondary) Secondary Classroom Music with Instrumental Music or Primary Music as STA

#### Year 1, Semester 1

Creative Industries Core Unit - List A

KMB651 Music Performance Studies 1  
OR

KMB657 Music Production Studies 1

KMB632 Core Musicianship 1

KMB619 Music And Sound Technology  
Choose one unit from:

KMB640 Sex Drugs Rock N Roll

KMB631 World Music

KMB618 Soundtracks For Film And Television

KMB616 Ensemble Project A

#### Year 1, Semester 2

Creative Industries Core Unit - List A

KMB652 Music Performance Studies 2  
OR

KMB658 Music Production Studies 2

KMB633 Core Musicianship 2

KMB621 Sound Recording And Acoustics  
Choose one from:

KMB622 Second Study 1

KMB638 Sound And Image

KMB626 Music And Sound For Multimedia

#### Year 2, Semester 1

KMB630 Music Textures

KMB653 Music Performance Studies 3  
OR

KMB659 Music Production Studies 3

KMB637 Jazz And Popular Music Musicianship  
OR

KMB636 Cross Cultural Musicianship

KMB623 Conducting

Choose one unit from:

KMB640 Sex Drugs Rock N Roll

KMB631 World Music

KMB616 Ensemble Project A

KMB618 Soundtracks For Film And Television

#### Year 2, Semester 2

KMB654 Music Performance Studies 4  
OR

KMB660 Music Production Studies 4

KMB635 Sound Media Musicianship

OR

KMB634 Contemporary Art Music Musicianship

Choose three units from:

KMB628 Second Study 2

KMB638 Sound And Image

KMB617 Arranging

KMB648 The Music Scene

KMB626 Music And Sound For Multimedia

\*Advanced Conducting (as a Summer unit) may be taken as an elective whose prerequisite is KMB623 Conducting. Approval from the Music Course Coordinator required.

### B Music/B Ed - Music Specialisation with a STA in Dance

#### Year 1, Semester 1

KMB651 Music Performance Studies 1  
OR

KMB657 Music Production Studies 1

KMB632 Core Musicianship 1

KMB619 Music And Sound Technology

KDB180 Dance Technique Studies 1  
Creative Industries Core Unit - List A

#### Year 1, Semester 2

KMB652 Music Performance Studies 2  
OR

KMB658 Music Production Studies 2

KMB633 Core Musicianship 2

KMB621 Sound Recording And Acoustics

KDB114 Australian Dance  
Creative Industries Core Unit - List A

#### Year 2, Semester 1

KMB653 Music Performance Studies 3  
OR

KMB659 Music Production Studies 3

KMB637 Jazz And Popular Music Musicianship  
OR

KMB636 Cross Cultural Musicianship

KMB630 Music Textures

KDB180 Dance Technique Studies 1

KDB125 Deconstructing Dance In History

#### Year 2, Semester 2

KMB654 Music Performance Studies 4  
OR

KMB660 Music Production Studies 4

KMB635 Sound Media Musicianship

OR

KMB634 Contemporary Art Music Musicianship

KDB106 The Analysis Of Modern Dance

KDB183 Dance Technique Studies 4

### B Music/B Ed - Music Specialisation with a STA in Drama

#### Year 1, Semester 1

KMB651 Music Performance Studies 1  
OR

KMB657 Music Production Studies 1

KMB632 Core Musicianship 1

KMB619 Music And Sound Technology

KTB257 Studies In Acting 1  
Creative Industries Core Unit - List A

#### Year 1, Semester 2

KMB652 Music Performance Studies 2  
OR

KMB658 Music Production Studies 2

KMB633 Core Musicianship 2

KMB621 Sound Recording And Acoustics

KTB251 20th Century Stages  
Creative Industries Core Unit - List A

#### Year 2, Semester 1

KMB653 Music Performance Studies 3  
OR

KMB659 Music Production Studies 3

KMB637 Jazz And Popular Music Musicianship  
OR

KMB636 Cross Cultural Musicianship

KMB630 Music Textures

KTB214 Process Drama

#### Year 2, Semester 2

KMB654 Music Performance Studies 4  
OR

KMB660 Music Production Studies 4

KMB635 Sound Media Musicianship

OR

KMB634 Contemporary Art Music Musicianship  
 KTB280 Drama As Social Action  
 KTB304 Forming Knowledge

### **B Music/B Ed - with a STA in Vis Arts**

#### *Year 1, Semester 1*

KMB651 Music Performance Studies 1  
 OR  
 KMB657 Music Production Studies 1  
 KMB632 Core Musicianship 1  
 KMB619 Music And Sound Technology  
 Creative Industries Core Unit - List A  
 KVB702 Australian And Indigenous Art

#### *Year 1, Semester 2*

KMB652 Music Performance Studies 2  
 OR  
 KMB658 Music Production Studies 2  
 KMB633 Core Musicianship 2  
 KMB621 Sound Recording And Acoustics  
 KVB701 Modernism  
 Creative Industries Core Unit - List A

#### *Year 2, Semester 1*

KMB653 Music Performance Studies 3  
 OR  
 KMB659 Music Production Studies 3  
 KMB637 Jazz And Popular Music Musicianship  
 OR  
 KMB636 Cross Cultural Musicianship  
 KMB630 Music Textures  
 Choose two units from:  
 KVB447 Drawing  
 KVB457 Sculpture  
 KVB503 Clay Materials  
 KVB507 Painting  
 KVB509 Photographic Media

#### *Year 2, Semester 2*

KMB654 Music Performance Studies 4  
 OR  
 KMB660 Music Production Studies 4  
 KMB635 Sound Media Musicianship  
 OR  
 KMB634 Contemporary Art Music Musicianship  
 Choose two units from:  
 KVB447 Drawing  
 KVB457 Sculpture  
 KVB503 Clay Materials  
 KVB507 Painting  
 KVB509 Photographic Media

### **B Music/B Ed - with a STA other than Drama, Dance, Vis Arts**

#### *Year 1, Semester 1*

KMB651 Music Performance Studies 1  
 OR  
 KMB657 Music Production Studies 1  
 KMB632 Core Musicianship 1  
 KMB619 Music And Sound Technology  
 Creative Industries Core Unit - List A  
 Second Teaching Area Unit

#### *Year 1, Semester 2*

KMB652 Music Performance Studies 2  
 OR  
 KMB658 Music Production Studies 2  
 KMB633 Core Musicianship 2  
 KMB621 Sound Recording And Acoustics  
 Creative Industries Core Unit  
 Second Teaching Area Unit

#### *Year 2, Semester 1*

KMB653 Music Performance Studies 3  
 OR  
 KMB659 Music Production Studies 3  
 KMB637 Jazz And Popular Music Musicianship  
 OR  
 KMB636 Cross Cultural Musicianship  
 KMB630 Music Textures  
 Second Teaching Area Unit  
 Choose one unit from:  
 KMB623 Conducting  
 KMB640 Sex Drugs Rock N Roll

KMB631 World Music  
 KMB618 Soundtracks For Film And Television  
 KMB616 Ensemble Project A

#### *Year 2, Semester 2*

KMB654 Music Performance Studies 4  
 OR  
 KMB660 Music Production Studies 4  
 KMB635 Sound Media Musicianship  
 OR  
 KMB634 Contemporary Art Music Musicianship  
 Second Teaching Area Unit  
 Choose one unit from:  
 KMB638 Sound And Image  
 KMB617 Arranging  
 KMB648 The Music Scene

### **List A Creative Industries Core Units**

See Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93) for details.

### **Education Component**

#### *Year 3, Semester 2*

EDB002 Teaching and Learning Studies II: Development and Learning  
 EDB031 Secondary Field Studies I: Development and Learning in the Field  
 KMB201 Music (Secondary) Curriculum Studies 1  
 Curriculum Studies 1Y

#### *Year 3, Semester 2*

EDB003 Teaching and Learning Studies III: Practising Education  
 EDB032 Secondary Field Studies II: Practising Education in the Field  
 KMB202 Music (Secondary) Curriculum Studies 2  
 Curriculum Studies 2Y

#### *Year 4, Semester 1*

EDB004 Teaching and Learning Studies IV: Inclusive Education  
 EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices  
 KMB203 Music (Secondary) Curriculum Studies 3  
 Curriculum Studies 3Y

#### *Year 4, Semester 2*

EDB005 Teaching and Learning Studies V: Professional Work of Teachers  
 EDB034 Secondary Field Studies VI: Professional Work of Teachers: Induction into the Field  
 EDB035 Internship (Secondary)  
 Education Elective

### **Curriculum Studies - Second Teaching Area**

#### *Curriculum Studies 1*

KVB301 Visual Art Curriculum Studies 1  
 KTB201 Drama Curriculum Studies 1  
 CLB018 English Curriculum Studies 1  
 CLB024 Film and Media Curriculum Studies 1  
 CLB027 Geography Curriculum Studies 1  
 CLB030 History Curriculum Studies 1  
 CLB036 LOTE Curriculum Studies 1  
 KMB101 Music (Primary/Instrumental) Curriculum Studies 1

#### *Curriculum Studies 2*

KVB302 Visual Art Curriculum Studies 2  
 KTB202 Drama Curriculum Studies 2  
 CLB019 English Curriculum Studies 2  
 CLB025 Film and Media Curriculum Studies 2  
 CLB028 Geography Curriculum Studies 2  
 CLB031 History Curriculum Studies 2  
 CLB037 LOTE Curriculum Studies 2  
 KMB102 Music (Primary/Instrumental) Curriculum Studies 2

#### *Curriculum Studies 3*

KVB303 Visual Art Curriculum Studies 3  
 KTB203 Drama Curriculum Studies 3  
 CLB020 English Curriculum Studies 3  
 CLB026 Film and Media Curriculum Studies 3  
 CLB029 Geography Curriculum Studies 3  
 CLB032 History Curriculum Studies 3  
 CLB038 LOTE Curriculum Studies 3  
 KMB103 Music (Primary/Instrumental) Curriculum Studies 3

### **List C. Second Teaching Area Units**

See Bachelor of Creative Industries (Dance)/Bachelor of Education (Secondary) (IF75) for details.



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Section Four  
Unit Synopses

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## UNIT CODING AND NUMBERING

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This section provides synopses of the units offered in the academic programs section.

The synopses are presented in alpha-numeric order according to their codes.

### UNIT CODING AND NUMBERING

The unit code is of the format XXX999. The first two characters indicate the faculty or school administering the unit. The third character indicates the level of the course in which the unit is normally taught.

### UNIT CODING

- AD Design and Built Environment
- AM Advertising, Marketing and Public Relations
- AR Design and Built Environment
- AY Accountancy
- BN Built Environment and Engineering
- BS Business
- CE Civil Engineering
- CL Cultural and Language Studies in Education
- CN Construction Management
- DB Design and Built Environment
- EA Early Childhood
- ED Education
- EE Electrical and Electronic Systems Engineering
- EF Economics and Finance
- GS Brisbane Graduate School of Business
- HH Humanities and Human Services
- HL Health
- HM Human Movement Studies
- IB International Business
- IF Interfaculty Courses
- IT Information Technology
- JS Justice Studies
- KC Media Communication
- KD Dance
- KF Fashion
- KI Communication Design
- KJ Journalism
- KK Creative Industries Faculty
- KM Music
- KP Film and Television
- KS Acting and Technical Production
- KT Theatre Studies
- KV Visual Arts
- KW Creative Writing and Cultural Studies
- LP Legal Practice
- LS Life Science
- LW Law
- MA Mathematical Sciences
- MD Mathematics, Science and Technology Education
- ME Mechanical, Manufacturing and Medical Engineering
- MG Management and Human Resource Management
- MM Mechanical, Manufacturing and Medical Engineering
- NR Natural Resource Sciences
- NS Nursing
- OP Optometry
- PC Physical Sciences
- PS Planning, Landscape Architecture and Surveying
- PU Public Health
- PY Psychology and Counselling
- QC QUT International College

- SC Science
- SP Learning and Professional Studies

### LEVEL INDICATORS

- X = Certificate, Associate Diploma, Associate Degrees, Diploma
- B = Degree
- D = University Diploma
- F = Foundation Program
- P = Graduate Diploma
- N = Masters Degree
- R = Doctoral
- S = Special Units
- Z = Offshore Offering

### PREREQUISITE AND COREQUISITE UNITS

For definitions of the terms prerequisite and corequisite unit(s), refer to Rule 12 of the Student Rules section.

### Disclaimer

Some schools have indicated the availability of their units for semester 1 (1), semester 2 (2), or Summer Program (3). These indications are preliminary only and are subject to change.



► **ADB001 ARCHITECTURAL DESIGN 1**

Introduction to design theory. Develop exercises for enhancement of fundamental aesthetic perception, developmental exercises in graphic/presentation skills with an emphasis on orthographic and paraline drawing systems. The major design project introduces students to a range of issues and provokes exploration, development of students' comprehension of fundamental spatial and formal values and enhances sensibilities concerning architectural qualities.

**Courses:** BN31, AR48  
**Contact hours:** 8 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **ADB002 ARCHITECTURAL DESIGN 2**

Introduction to critical design theory. Developmental exercises in graphic/presentation skills with emphasis on model making and perspective drawing. With a focus on the contextual, the major project in this unit encourages ideas that are developed out of analysis of understanding of a particular place.

**Courses:** BN31, AR48 **Prerequisites:** ADB001  
**Contact hours:** 8 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **ADB003 ARCHITECTURAL DESIGN 3**

Design theory: physical context, landscape, social context, ethics and values. Integration of contextual studies, technology, specifically building construction and design for climate. Projects are generally of domestic scale.

**Prerequisites:** ADB002  
**Corequisites:** ADB011, ADB013  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **ADB004 ARCHITECTURAL DESIGN 4**

Design theory: physical context, landscape, social context, ethics and values. Integration of contextual studies and of technology, specifically building construction, design for climate. Projects are generally of domestic scale.

**Courses:** BN31, AR48 **Prerequisites:** ADB003  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **ADB005 ARCHITECTURAL DESIGN 5**

Design theory, sustainability, sociological and contextual concerns related to particular design problems. The unit will often include a 'community service' project, generally a collaborative, participatory design with selected community groups as 'client'.

**Courses:** BN31, AR48  
**Prerequisites:** ADB004 **Corequisites:** ADB913  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **ADB006 ARCHITECTURAL DESIGN 6**

Design theory, urban sustainability, sociological and contextual concerns related to particular design problems.

**Courses:** BN31, AR48 **Prerequisites:** ADB005  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **ADB007 ARCHITECTURAL DESIGN 7**

The content of the unit is project-dependent.

**Courses:** AR48 **Prerequisites:** ADB006  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **ADB008 ARCHITECTURAL DESIGN 8**

The content of the unit is project-dependent.

**Courses:** AR48  
**Prerequisites:** ADB007 **Corequisites:** ADB026  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **ADB009 ARCHITECTURAL DESIGN 9**

Design projects and associated lectures and presentations relevant to developing the unit objectives. A high degree of resolution is expected in design projects in intellectual conceptualisation and strategy, spatial organisation, form, detail and technical understanding. Building economics, services, construction technology, theory and critical analysis will be integrated into the unit.

**Courses:** AR48 **Prerequisites:** ADB008  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **ADB011 CONTEXTUAL STUDIES 1**

The course will cover the emergence of modern architecture in Europe and America in the late nineteenth and early twentieth century, and the development of the ideas and proposals arrived at through the heroic phase of the 1920s and 30s. The dominance of modern architecture following the war and the early critiques will be examined. An analysis of the emergence of postmodern thought and the various architectural directions being pursued throughout the world in the late twentieth century to find viable and meaningful designs will be present.

**Courses:** BN31, AR48 **Prerequisites:** ADB931  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **ADB012 CONTEXTUAL STUDIES 2**

Australian and Oceanic architecture is examined from pre-European settlement times to the present. The work is looked at in the context of European and American influences and the Asian-Oceanic context. The examples are studied in relation to broad social, historical and aesthetic backgrounds. Course work will include an introduction to research of local architectural history, and visits to key buildings.

**Courses:** BN31, AR48 **Prerequisites:** ADB931  
**Contact hours:** 2 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **ADB013 CONTEXTUAL STUDIES 3**

This unit consists of two parts: 1. The Asian Architectural Culture: The Asian architecture component of the unit covers the architectural traditions of the diverse cultures of Asia and urban history. The course examines how traditional architecture is shaped by culture and society. It focuses on the geographic regions of the orient including China, Japan and Korea and that of South Asia including India, Nepal and Sri Lanka. 2. Design and Cities: Cities across geographic regions, including Europe, America, Australia and Asia are studied from an historical and contemporary perspective to understand city form, culture, politics, economics and function, ecology and sustainability. Material covered includes: the origin and role of cities; the nature of city formation and change; examples of the history of cities across various cultures; the nature of contemporary cities; the role of architecture in the city; cities and culture; theories for contemporary and future cities.

**Courses:** AR48  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **ADB014 CONTEXTUAL STUDIES 4**

Contemporary Thinking and Architectural Culture. This unit aims to consolidate for students a theoretical contemporary framework in which to locate key moments in contemporary, architectural and cultural production from diverse contexts. It introduces students to contemporary debates and endeavour to de-mystify the language of contemporary architectural ideas and aesthetics in order to promote self-directed interest in contemporary theory and criticism.

**Courses:** AR48  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **ADB021 TECHNOLOGY AND SCIENCE 1**

A study of the properties and behaviour of common building materials and the historical development of building technologies. Basic structural systems; behaviour of structures and members under load; application of knowledge in design exercises and models.

**Courses:** BN31, AR48 **Prerequisites:** ADB921  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **ADB022 TECHNOLOGY AND SCIENCE 2**

Detailed consideration of domestic scale building; basic design for climate; energy conservation. The implications of the principles of the subject on the form and fabric of buildings are illustrated.

**Courses:** BN31, AR48 **Prerequisites:** ADB021  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **ADB023 TECHNOLOGY AND SCIENCE 3**

Detailed consideration of domestic scale building; design for natural ventilation, lighting, acoustics and solar controls; implications of principles of the subject on the form and fabric of buildings are illustrated.

**Courses:** BN31, AR48 **Prerequisites:** ADB022  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **ADB024 TECHNOLOGY AND SCIENCE 4**

Building construction: an overview of construction systems used in low to medium rise industrial and commercial buildings. Structures: overview of structural considerations in steel and reinforced concrete structural systems.

**Courses:** BN31, AR48 **Prerequisites:** ADB023  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **ADB025 TECHNOLOGY AND SCIENCE 5**

Building Construction: an overview of construction systems used in medium to high-rise commercial buildings, including analysis of principles, advantages, disadvantages and details of such systems. Services: an integrated overview of medium to high-rise building services including hydraulics, lighting, electrical services, mechanical equipment and vertical transportation.

**Courses:** AR48 **Prerequisites:** ADB024  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **ADB026 TECHNOLOGY AND SCIENCE 6**

Topics include a case study of the building type being studied in ADB007, working with engineering consultants and the programming of work.

**Courses:** AR48 **Prerequisites:** ADB025  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **ADB031 PROFESSIONAL STUDIES 1**

Theory: analysis of various concepts of professionalism, characteristics of professions, discussion of various contemporary critiques of architectural practice. Estimating: choice of technique, accuracy, square and cube rates, cost control, feasibility, quantity surveying. Specification: role of specification.

**Courses:** AR48  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **ADB033 PROFESSIONAL STUDIES 3**

Self-paced national course (BPA 2) prepared by the Royal Australian Institute of Architects as a Continuing Education program which will attract certification from the RAIA. The course will cover ethical, administrative and management issues in relation to architectural practice.

**Courses:** AR48 **Prerequisites:** ADB932  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **ADB051 ARCHITECTURAL RESEARCH 1**

Unit will provide students with an overview of research methodology. Students will examine the differences between various research methods and product. A number of issues will be addressed in the elected area of research including, definition of study area; research aims and objectives, initial proposition, structuring research approach, analysis and preliminary conclusions based on literature review.

**Courses:** AR48  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1, 2

► **ADB052 ARCHITECTURAL RESEARCH 2**

Students continue their studies on an approved topic commenced in Architectural Research 1. By means of a thesis presentation students will demonstrate their ability to define and logically argue propositions, and to conduct research to prove its validity by means of a well-constructed research project including critical analysis.

**Courses:** AR48 **Prerequisites:** ADB051

## UNIT SYNOPSES

**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1, 2

► **ADB053 ARCHITECTURAL PROJECT**

The major project selected by students and approved by the Unit Coordinator, will have a focus work study that demonstrates the particular skills and interests of the individual. This work should be completed to a highly developed and resolved standard.

**Courses:** AR48            **Prerequisites:** ADB052  
**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

► **ADB061 ARCHITECTURAL APPLICATIONS 1**

The unit will be used to increase the students' experience in applying theory to architectural problems. Study of materials; anthropometrics and ergonomics, and architectural ideas through drawings and models.

**Courses:** BN31  
**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1

► **ADB062 ARCHITECTURAL APPLICATIONS 2**

The unit will be used to increase the student's experience in applying theory to architectural problems. Study of materials, structures, and architectural ideas through drawings and models.

**Courses:** BN31            **Prerequisites:** ADB061  
**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

► **ADB063 ARCHITECTURAL APPLICATIONS 3**

The unit will be used to increase the student's experience in applying theory to architectural problems, including site analysis, levels and contours; practical experiments in Design Science; construction detailing and documentation through drawings, models and computer simulation.

**Prerequisites:** ADB062  
**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1

► **ADB064 ARCHITECTURAL APPLICATIONS 4**

This unit will be used to increase the student's experience in applying theory to architectural problems. A series of exercises in construction detailing and documentation.

**Prerequisites:** ADB063  
**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

► **ADB065 ARCHITECTURAL APPLICATIONS 5**

The unit will be used to increase the student's experience in applying theory to architectural problems. A series of exercises in construction detailing and documentation.

**Prerequisites:** ADB064  
**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1

► **ADB066 ARCHITECTURAL APPLICATIONS 6**

The unit will be used to increase the student's experience in applying theory to architectural problems. A series of exercises in construction detailing and documentation.

**Prerequisites:** ADB065  
**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

► **ADB067 ELECTIVE ARCHITECTURAL APPLICATIONS**

This unit provides an opportunity for students to develop and strengthen areas of interest in a program of their choice, to be approved by the Course Coordinator, for example: develop Architectural Research 2 program to the presentation of a dissertation; or enhance knowledge and skills in other subject areas.

**Courses:** AR48  
**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1

► **ADB101 INTERIOR DESIGN 1**

Through exercises involving physical, historical, social and cultural constraints; person-environment analysis; and personal reflection, there is the opportunity to integrate material from

associated units and to begin to develop a basic awareness of a designer's role and responsibilities.

**Courses:** BN31  
**Contact hours:** 7 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1

► **ADB102 INTERIOR DESIGN 2**

Content includes: the visual and physical attributes of form; perceptual principles of organisation; person-environment interaction with a focus on the physical, social and temporal aspects of environment; and aesthetics and its relevance to person-environment interaction.

**Courses:** BN31            **Prerequisites:** ADB101  
**Contact hours:** 7 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

► **ADB103 INTERIOR DESIGN 3**

The content covered in this unit includes: an introduction to the theoretical constructs of person-environment interaction and modes of interaction incorporating theories from disciplines including philosophy, psychology, social science and cultural and communication studies; other conceptual frameworks will be introduced and explored including modernism, post-modernism, feminism and pluralism; issues of designing incorporating site, values, activities and technology.

**Courses:** BN31  
**Prerequisites:** ADB102  
**Corequisites:** ADB123

**Contact hours:** 6 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1

► **ADB104 INTERIOR DESIGN 4**

The content covered in this unit includes: ethics and topical social issues; the responsibilities of a designer in a contemporary context; application and development of an integrated design approach explicitly informed by theory, philosophy, ethics and current demands and considerations.

**Courses:** BN31            **Prerequisites:** ADB103  
**Corequisites:** ADB124  
**Contact hours:** 6 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

► **ADB105 INTERIOR DESIGN 5**

The content covered in this unit includes: designing as practice; law as it relates philosophically and conceptually to the built environment and people's relationship with the built environment; the work of national and international designers: a critical approach; tools for fostering alternative ways of thinking and imagining person-environment interaction; and futuristic material.

**Courses:** BN31            **Prerequisites:** ADB104  
**Corequisites:** ADB125  
**Contact hours:** 6 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1, 2

► **ADB106 INTERIOR DESIGN 6**

The content covered in this unit includes: major aspects covered in the course to date; content identified by the student as significant in their response to the project.

**Prerequisites:** ADB105  
**Corequisites:** ADB126  
**Contact hours:** 6 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

► **ADB122 INTERIOR TECHNOLOGY 1**

Content includes: domestic building construction processes and materials; manufacturing processes and performance; introductory technical drawing; measurement and recording of building environments; and application of recorded material. CAD as a construct and its role in practice.

**Courses:** BN31            **Prerequisites:** ADB921  
**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

► **ADB123 INTERIOR TECHNOLOGY 2**

The content covered in this unit includes: documentation; analysis and recording of small-scale commercial interiors; building regulations and their relationship to public responsibility; building materials; and sustainability.

**Courses:** BN31            **Prerequisites:** ADB122  
**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1

► **ADB124 INTERIOR TECHNOLOGY 3**

The content covered in this unit includes: documentation techniques; sustainable design and

construction; services; and consultants, codes and standards.

**Courses:** BN31            **Prerequisites:** ADB123  
**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

► **ADB125 INTERIOR TECHNOLOGY 4**

The content covered in this unit includes: theoretical analysis of interior construction and materials; analysis of partition and furniture systems; comparative analysis of building types; CAD documentation; basic estimating and quoting; introductory specification writing.

**Courses:** BN31            **Prerequisites:** ADB124  
**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1

► **ADB126 INTERIOR TECHNOLOGY 5**

The content covered in this unit includes: documentation; critical investigation of interior construction processes; environmental system analysis; the interface with consultants, builders and contractors; leasing and other tenancy occupation issues.

**Courses:** BN31            **Prerequisites:** ADB125  
**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

► **ADB132 DESIGN IN SOCIETY 1**

Issues of the international design community will be explored. The historical framework will be reassessed in relation to changing technology, communication, transport systems and the advent of shifts in space and time such as virtual reality. The merging of cultures and understandings of design will be critiqued in the light of its potential to influence the contemporary and future designer. Specific attention will be given to interior design. Other aspects involved include belief systems and their influence on design and design practice (eg economic rationalism, capitalism, modernism, etc).

**Courses:** BN31  
**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

► **ADB133 DESIGN IN SOCIETY 2**

Issues to be covered include: the current context of the contemporary Australian interior designer; theoretical perspectives and exploration of their limitations and potential; relevant legal issues, ethics and professionalism.

**Courses:** BN31  
**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1

► **ADB151 DRAWING AS COMMUNICATION**

Addresses the theoretical aspects of communication generally and in relation to drawing. It will focus on the relationship between drawing and the design processes of imagining, representing and testing and it will introduce students to various drawing techniques and media.

**Courses:** BN31  
**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1

► **ADB152 LIGHT AND COLOUR STUDIES**

Content includes: the interdependence of light and colour; the physical properties of colour; the psychological and cultural dimensions of colour; and colour and its relationship with expression and aesthetics.

**Courses:** BN31  
**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1, 2

► **ADB153 MATERIAL STUDIES**

Content to be addressed includes: textile manufacture and application; interior decorative finishes; building codes and standards relevant to material quality and performance; documentation and specification of finishes and fittings; the relationship between design technology and material selection; and the role of contextual frameworks on designers' decisions in regard to materials.

**Courses:** BN31  
**Corequisites:** 12  
**Credit points:** 3 hour per week  
**Campus offered:** GP            **Semester:** 2

► **ADB154 FURNITURE STUDIES**  
Content to be addressed includes: a focus on visual cues, psychological responses and other interaction factors through an historical analysis of the role of furniture design; furniture and contemporary and future trends; and furniture design and documentation approaches.  
**Courses:** BN31  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **ADB201 INTRODUCTORY INDUSTRIAL DESIGN 1**  
Major topics include basic design elements and principles; three-dimensional visualisation of objects; design concept development; drawing as a design and communication tool, with an emphasis on marker rendering techniques and sketching techniques; design presentation; and engineering drawing basics.  
**Courses:** BN31  
**Corequisites:** ADB241  
**Contact hours:** 7 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **ADB202 INTRODUCTORY INDUSTRIAL DESIGN 2**  
Introduction to basic Industrial design elements and principles, three-dimensional visualisation and Industrial design, concept development of simple products, product aesthetics, drawing as a design tool and communication tool, with an emphasis on perspective sketching techniques, engineering drawing basics.  
**Courses:** BN31  
**Prerequisites:** ADB201  
**Contact hours:** 7 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **ADB203 INDUSTRIAL DESIGN 1**  
The studio exercises to which most of the time is devoted are aimed at a range of different product designs. The following theoretical topics are associated with them: scope of problem solving theory, special characteristics of design problems, design and application transfer, design heuristic, creativity on innovation and general psychological theories of creativity, visual thinking and the design process, design ethics and culture, and designer's responsibilities toward the environment.  
**Courses:** BN31  
**Prerequisites:** ADB202  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **ADB204 INDUSTRIAL DESIGN 2**  
The studio exercises to which most of the time is devoted will aim at a range of different product designs. The following theoretical topics are associated with them: methodological issues of design, design process and creative thinking, creativity and product innovation, design ethics and culture, and designer's responsibilities toward the environment. The complexity and depth of the design project will increase systematically according to the semester level.  
**Courses:** BN31  
**Prerequisites:** ADB203  
**Corequisites:** ADB224  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **ADB205 INDUSTRIAL DESIGN 3**  
The studio exercises to which most of the time is devoted will aim toward design of products or systems in depth. The emphasis is on integration of knowledge and skills acquired in the previous semesters. The following theoretical topics are associated with them: methodological issues of design, design process and creative thinking, creativity and product innovation, working with an industry client, interdisciplinary teamwork, design ethics and culture, and the designer's responsibilities toward the environment.  
**Courses:** BN31  
**Prerequisites:** ADB204  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **ADB206 INDUSTRIAL DESIGN 4**  
The studio exercises aim toward design of products or systems in depth. The emphasis is on integration of knowledge and skills acquired in the previous semesters. The following theoretical topics are associated with them: methodological issues of design, design process and creative thinking, creativity and product innovation, work

with an industry client, interdisciplinary teamwork, design ethics and culture, and designer's responsibilities toward the environment.  
**Courses:** BN31  
**Prerequisites:** ADB205  
**Corequisites:** ADB226, ADB236  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **ADB212 ERGONOMICS FOR INDUSTRIAL DESIGNERS**  
The principles of ergonomics and human factors as applied to industrial design, hand tool design, environmental factors, human-information processing, ergonomic methods, display and control design, interface design, designing for safety and product usability.  
**Courses:** BN31  
**Prerequisites:** ADB911  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **ADB224 INDUSTRIAL DESIGN HISTORY THEORY AND CRITICISM 1**  
Pre-historical artifacts and their evolutions; innovations in Asia; arts and crafts movement; development of mass-production and its impact to the society; social and cultural changes influenced by design; design and politics; ideology of industrialisation.  
**Courses:** BN31  
**Corequisites:** ADB204  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **ADB226 INDUSTRIAL DESIGN HISTORY THEORY AND CRITICISM 2**  
Product evolution; Australian inventions; contemporary design; social and cultural changes influenced by design; design and politics; ideology of industrialisation; the meaning of products; designers' responsibilities toward the users and environment; design activity and design knowledge.  
**Courses:** BN31  
**Prerequisites:** ADB224  
**Corequisites:** ADB206  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **ADB232 DESIGN TECHNOLOGY AND SOCIETY**  
Introduction to applied technologies and how they relate to industrial design and society in general, renewable and non-renewable resources, social change and life styles, use of resources and ecosystems, sustainability and its relation to industrial design, alternative technologies as related to industrial design; and the relationship between social and technological change and industrial design.  
**Courses:** BN31  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **ADB233 MANUFACTURING TECHNOLOGY 1**  
Application of engineering mechanisms to products or systems, analysis of the performances of mechanical, electrical, hydraulic and pneumatic mechanisms in relation to particular functions, modelling methods and techniques for determining the behaviour of a system or product. Introduction to electronics, plastics manufacturing techniques, the relations between the properties of material and the industrial processes available for their fabrication. Introduction to technical documentation and communication.  
**Courses:** BN31  
**Prerequisites:** ADB921  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **ADB234 MANUFACTURING TECHNOLOGY 2**  
Electronics, plastic, production techniques in relation to different materials, various methods for different finishing operations, various methods for forming, automatic and semi-automatic assembly quality control methods, production cost, field studies consist of site visits to selected manufacturing industries, technical documentation and communication.  
**Courses:** BN31  
**Prerequisites:** ADB233  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **ADB235 MANUFACTURING TECHNOLOGY 3**  
Product analysis, product development strategies, industrial production economics, organisation, planning and technologies required for advanced manufacturing and its impact to product design solutions.  
**Courses:** BN31  
**Prerequisites:** ADB234  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **ADB236 MANUFACTURING TECHNOLOGY 4**  
Value analysis, technical documentation and communication. Field studies compliment the lecture series.  
**Courses:** BN31  
**Prerequisites:** ADB235  
**Corequisites:** ADB206  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **ADB241 INDUSTRIAL DESIGN APPLICATIONS**  
Introduction to application of basic industrial design skills and knowledge, industrial design case studies and field studies  
**Courses:** BN31  
**Corequisites:** ADB201  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **ADB244 COMPUTER AIDED INDUSTRIAL DESIGN 1**  
Overview of the development of the use of Computer Aided Industrial Design by industrial designers in the design process, application of CAID to 3D solid modelling concepts, 3D spatial relationships, design documentation, 3D model to 2D engineering drawings, development of skills in the use of Computer Aided Industrial Design (CAID) for evaluating, documenting and presenting design proposals through computer rendered and animated images.  
**Courses:** BN31  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **ADB245 COMPUTER AIDED INDUSTRIAL DESIGN 2**  
Introduction to 3D surface modelling concepts for complex form development and documentation, introduction to NURBS based surface modelling, case studies on CAID as applied to industrial design, application of complex 3D Surface modelling techniques, as applied to design form evaluations and form refinement using rapid prototyping, further development of shading techniques, advanced animation, design documentation.  
**Courses:** BN31  
**Prerequisites:** ADB244  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **ADB795 PRACTICE EXPERIENCE A**  
The practice experience partnership with the architectural profession will enable the students to increase their skills in the practical application of theory in 'real life' architectural projects.  
**Courses:** AR48  
**Credit points:** 36 **Semester:** 1, 2

► **ADB796 PRACTICE EXPERIENCE B**  
Under the practice experience partnership with the architectural profession the advanced student will progressively become an understudy of the architect and be exposed to all aspects of the profession.  
**Courses:** AR48  
**Credit points:** 60 **Semester:** 1, 2

► **ADB911 HUMAN ENVIRONMENT 1**  
Contemporary environmental issues: global warming, population explosion, pollution, energy conservation, sustainability; anthropometrics and statistics, basic ergonomic principles; and requirements of special needs groups.  
**Courses:** BN31, AR48  
**Corequisites:** ADB101, ADB921  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **ADB912 HUMAN ENVIRONMENT 2**  
The unit focuses on the following: psychosocial issues and privacy, perception, personal space, territoriality, cognition, way finding and cultural diversity.

## UNIT SYNOPSES

**Courses:** BN31      **Prerequisites:** ADB911  
**Corequisites:** ADB013 (Arch),  
 ADB123 (IntDes)  
**Contact hours:** 3 per week      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 1

► **ADB913 HUMAN ENVIRONMENT 3**

Theories of cultural development and social change; consideration of the role of designed artifacts in those processes; political and social theories pertaining to design and development of the built environment; contemporary theories of post-industrialism, post-colonialism and multiculturalism; implications for design for the built environment; the roles and responsibilities of design professionals, historically and in contemporary society.

**Courses:** BN31, AR48      **Prerequisites:** ADB912  
**Contact hours:** 3 per week      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 1

► **ADB921 TECHNOLOGY AND SCIENCE FOUNDATION**

Introduction to physical principles relevant to the built environment design disciplines, including mechanics, statics, electricity, fluids, light and colour, heat and sound; basic chemical properties of materials; mathematics as related to the design disciplines; discipline applications.

**Courses:** BN31, AR48  
**Corequisites:** ADB911, ADB101  
**Contact hours:** 4 per week      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 1

► **ADB931 INTRODUCTION TO HISTORY, THEORY AND CRITICISM**

This unit is a survey course of principal developments in the history and theory of design and the built environment from the earliest civilisation to the closing of the 19th century. Lectures will examine key buildings, ideas and artefacts and the aesthetic, technological, environmental, socio-cultural and political factors that related to their production. Examples are drawn from European and non-European (notably Asian) contexts.

**Courses:** BN31, AR48  
**Contact hours:** 4 per week      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 2

► **ADB932 PROFESSIONAL STUDIES 2**

Unit offers a self-paced national course (BPA 1) prepared by the RAIAs as a basis for the formal examination for registration as an Architect. Covers the context of profession, professional ethics, and the range of professional services from engagement to completion of a project. Completion of course will attract RAIAs certification.

**Courses:** AR48  
**Contact hours:** 4 per week      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 1

► **ADB941 ELECTIVE 1**

The student will choose elective units to extend and expand an area of knowledge or experience to develop in depth a particular professional expertise. These units may be drawn from an existing range of units available within the School. The electives are to be approved by the Course Coordinator.

**Courses:** BN31  
**Contact hours:** 3 per week      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 1, 2

► **ADB942 ELECTIVE 2**

The student will choose elective units to extend and expand an area of knowledge or experience to develop in depth a particular professional expertise. These units may be drawn from an existing range of units available within the School, Faculty or University. The electives are to be approved by the Course Coordinator.

**Courses:** BN31  
**Contact hours:** 3 per week      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 1, 2

► **ADB943 ELECTIVE 3**

Elective units chosen will extend and expand an area of knowledge or experience to develop in depth a particular professional expertise. Units may be drawn from an existing range of units available within the University and must be approved by the Course Coordinator.

**Courses:** BN31, AR48

**Contact hours:** 3 per week      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 1, 2

► **ADB944 ELECTIVE 4**

Elective units chosen will extend and expand an area of knowledge or experience to develop in depth a particular professional expertise. Units may be drawn from an existing range of units available within the University and must be approved by the Course Coordinator.

**Courses:** BN31, AR48  
**Contact hours:** 3 per week      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 1, 2

► **ADP107 INTERIOR DESIGN 7**

This unit provides students with the opportunity to pursue a topic of personal and professional relevance in consultation with staff. The topic will form the focus of a major design/research project incorporating this unit and ADB108. The unit covers topic identification, qualification and substantiation, context exploration and consolidation.

**Courses:** AR62  
**Prerequisites:** ADB106      **Corequisites:** ADP161  
**Contact hours:** 3 per week      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 1

► **ADP108 INTERIOR DESIGN 8**

This unit provides students with the opportunity to develop an in-depth understanding of an area of interior design of personal and professional relevance in consultation with staff. The unit covers project development and the exploration of associated issues.

**Courses:** AR62  
**Prerequisites:** ADB107      **Corequisites:** ADP162  
**Contact hours:** 3 per week      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 1, 2

► **ADP114 PROFESSIONAL STUDIES 1**

This unit addresses the interior design profession, its organisation and theoretical and practical relationship with other professions and disciplines; professionalism incorporating ethics, industry product safety standards and continuing education; specific responsibilities involving brief development; and post-occupancy evaluation.

**Courses:** AR62  
**Prerequisites:** ADB913, ADP106  
**Contact hours:** 4 per week      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 1, 2

► **ADP155 INTERIOR AS A CONSTRUCT 1**

Designers require a deep conceptual understanding of the relationship between artefact and culture and they need a vehicle for supporting this development. The focus in this unit is on the conservation of historic interiors and includes: historic interior exemplars; social and cultural identity; conservation; preservation and restoration; and relevant charters and policies.

**Courses:** AR62  
**Contact hours:** 4 per week      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 1

► **ADP156 INTERIOR AS A CONSTRUCT 2**

In this unit, stage design will be used as a frame-of-reference for exploring various aspects of person-environment interaction such as play and imagining. In addition, the unit provides a basis for exploring notions of temporary, transitory space and virtual reality.

**Courses:** AR62      **Prerequisites:** ADP155  
**Contact hours:** 4 per week      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 2

► **ADP161 INTERIOR RESEARCH 1**

This unit provides methodological support for the major project in ADP107. It covers empirical research with an emphasis on qualitative research relevant to person-environment interaction; research rigour incorporating attention to validity, reliability and generalisation; advanced information retrieval; literature searching and review.

**Courses:** AR62  
**Prerequisites:** ADB106 or equivalent  
**Corequisites:** ADP107  
**Contact hours:** 4 per week      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 1

► **ADP162 INTERIOR RESEARCH 2**

This unit provides methodological support for the major project in ADP108. The ability to undertake empirical research is considered an inte-

gral aspect of responsible designing. The unit content covers data collection, analysis and reporting.

**Courses:** AR62  
**Prerequisites:** ADB107 or equivalent  
**Corequisites:** ADP108  
**Contact hours:** 4 per week      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 1, 2

► **ADP207 INDUSTRIAL DESIGN 5**

The studio exercises to which most of the time is devoted will aim toward design of products or systems in depth. The emphasis is on integration of knowledge and skills acquired in the previous semesters. The following theoretical topics are associated with them: design process and creative thinking; applied research, creativity and product innovation, work with a client, multidisciplinary teamwork, product integration and development, design ethics and culture, and designer's responsibilities toward the environment.

**Courses:** AR61  
**Contact hours:** 4 per week      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 1

► **ADP217 PROFESSIONAL PRACTICE AND MANAGEMENT**

The role of professional practice management; management of design projects; type of contracts, design documentation; role of design administration; liability; design law; intellectual property; designer-client relationships.

**Courses:** AR61  
**Contact hours:** 3 per week      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 1

► **ADP218 ADVANCED ERGONOMICS**

Basics of cognitive ergonomics, product useability evaluation methods and their applications, case studies.

**Courses:** AR61  
**Contact hours:** 4 per week      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 2

► **ADP247 ADVANCED COMPUTER AIDED INDUSTRIAL DESIGN**

Introduction to parametric based modelling, introduction to hybrid based modelling, application of rapid prototyping and rapid tooling to the design process, application of concurrent engineering to the design process.

**Courses:** AR61  
**Contact hours:** 3 per week      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 1

► **ADP267 INDUSTRIAL DESIGN RESEARCH 1**

The unit consists of the applied research topic selected by a student approved and supervised by the industrial design staff. External specialists may be involved as requires.

**Courses:** AR61  
**Contact hours:** 5 per week      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 1, 2

► **ADP268 INDUSTRIAL DESIGN RESEARCH 2A**

This unit depends on the topic selected by a student in the previous semester. Students are responsible for the program as a part of their project work, which will be approved and supervised by the industrial design staff.

**Courses:** AR61  
**Prerequisites:** ADP207, ADP267  
**Corequisites:** ADP269  
**Contact hours:** 4 per week      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 1, 2

► **ADP269 INDUSTRIAL DESIGN RESEARCH 2B**

This unit depends on the topic selected by a student in the previous semester. Students are responsible for the program as a part of their project work, which will be approved and supervised by the industrial design staff.

**Courses:** AR61  
**Prerequisites:** ADP207, ADP267  
**Corequisites:** ADP268  
**Contact hours:** 4 per week      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 1, 2

► **ADP932 PROFESSIONAL STUDIES 2**

Unit offers a self-paced national course (BPA 1) prepared by the RAIAs as a basis for the formal examination for registration as an Architect.

Covers the context of profession, professional ethics, and the range of professional services from engagement to completion of a project. Completion of course will attract RAI A certification.

**Courses:** AR62 **Prerequisites:** ADP114  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **ADP943 ELECTIVE 3**

The student will choose elective units to extend and expand an area of knowledge or experience to develop in depth a particular professional expertise. These units may be drawn from an existing range of units available within the Faculty and University. The electives are to be approved by the Course Coordinator.

**Courses:** AR61  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **AMB200 CONSUMER BEHAVIOUR**

This unit provides students with the fundamental theories and models to develop a sound understanding of consumers, their needs, and behaviours. It provides a detailed examination of the consumer decision process and the internal and external influences on this core decision process. The unit also assists students in applying this knowledge to the development, implementation and evaluation of marketing activities within an organisation.

**Courses:** BS50, BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** BSB126  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB204  
**Semester:** 1, 2, 3

► **AMB201 MARKET AND AUDIENCE RESEARCH**

This unit provides an introduction to the conduct and evaluation of marketing and audience research. Students explore how field studies, survey and experimental research are employed in strategic planning and evaluation to support advertising, marketing and public relation information needs. The unit provides a thorough grounding in research process, research design, and the development and presentation of research proposals. The unit explores in detail, methods of gathering and analysing data. Students also explore issues related to research ethics and the management of client briefings.

**Courses:** BS50, BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** BSB126  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB305  
**Campus offered:** GP **Semester:** 1, 2, 3

► **AMB202 INTEGRATED MARKETING COMMUNICATION**

In past decades many marketers separated the various marketing and promotional functions. They planned and managed them separately with separate budgets, separate goals and objectives, and separate views of the market. Today many companies recognise the concept of integrated marketing communication, which coordinates the various promotional elements along with other marketing activities that communicate with customers. Integrated marketing communication requires a 'total' approach to planning marketing and promotion programs and coordinating communication functions.

**Courses:** BS50, BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** BSB126  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** COB207  
**Campus offered:** GP **Semester:** 1, 2

► **AMB203 INDEPENDENT STUDY**

An opportunity for advanced level undergraduate students to undertake individual research in an area which is complementary to their course work.

**Courses:** BS56  
**Prerequisites:** Prior approval from the Head of School  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** COB206  
**Campus offered:** GP **Semester:** 1, 2

► **AMB220 ADVERTISING THEORY AND PRACTICE**

This unit serves as an introduction to later units in the advertising major and gives learners an overview of the advertising industry and the management of the advertising function. The unit traverses the interrelationship of the institutions of advertising, the advertisers, the advertising agencies and the media. It introduces research and details methods of determining advertising objectives, budgets, establishing target audiences, interpreting audience ratings and circulation figures, and enables learners to gain a preliminary understanding of the creative functions of the advertising industry. It also shows the ethical and legal side of advertising and its important role in society and the economy.

**Courses:** BS50, BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF 61, IF62  
**Prerequisites:** BSB126; or 48 credit points of approved prior study for non-Bachelor of Business students only

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** COB308  
**Campus offered:** GP **Semester:** 1, 2

► **AMB221 ADVERTISING COPYWRITING**

This unit is an important base for further study in advertising and is one of the foundation areas of advertising. Students are introduced to the principles, theory, research and practice relating to the creation of advertisements. The unit begins with an understanding of the creative process and its role in developing creative strategy. The duties of the advertising copywriter are examined as is the relationship between advertising copy and art. Practical work involves the writing, setting and presentation of copy for print advertising for manufacturers, service industries and the retail sector. Case briefs for assignments are presented to students by advertisers or advertising agency executives. Finished presentations are then made to these professionals.

**Courses:** BS50, BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** AMB220  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** COB304  
**Campus offered:** GP **Semester:** 1, 2

► **AMB222 MEDIA PLANNING**

This unit introduces the qualitative and quantitative factors affecting media selection and use by advertisers. It covers the costing and scheduling of media, market targeting, measuring media exposure, media comparisons and trends. In-depth analysis of advertising media will allow learners to develop an understanding of the characteristics of each. The application of the concepts of media decision making, media strategy and research to the development of a media plan will be emphasised.

**Courses:** BS50, BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** AMB220  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** COB317  
**Campus offered:** GP **Semester:** 1, 2

► **AMB230 INTERNET PROMOTION**

This unit addresses an important new area of business activity and explores the way in which the Internet is changing marketing communication practice. It examines the nature, history and social implications of the Internet and mobile technology, including ethical and legal issues and security as they apply to business practices. The impact of the Internet on consumer behaviour and how this translates into the marketing mix and marketing communications is analysed. Learners will develop skills in strategic planning, creative strategy and design, media planning, research and campaign evaluation.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62  
**Prerequisites:** BSB119; or 48 credit points of approved prior study for non-Business students only

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** COB218  
**Campus offered:** GP **Semester:** 1, 2

► **AMB231 MARKETING COMMUNICATIONS REGULATIONS AND ETHICS**

This unit uses a case study approach and starts from the fundamentals of legal compliance through trade practices and fair trading legislation, then moves to the adoption and adherence of the variety of industry based and professional codes. It examines regulatory models in sunrise industries such as broadcasting and telecommunications as well as the problems of cross-jurisdictional regulation posed by Internet based commerce. It offers students the opportunity to develop generic attributes in critical thinking, problem solving, and ethical sensitivity.

**Courses:** BS50, BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF61, IF62  
**Prerequisites:** AMB220 or AMB240 or AMB260

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** COB307  
**Campus offered:** GP **Semester:** 2

► **AMB240 MARKETING PLANNING AND MANAGEMENT**

This unit extends the student's knowledge of the fundamental marketing concepts and theories introduced in the Faculty Core unit in Marketing, by adding further breadth and depth of knowledge of marketing and developing skills in the application of this knowledge to marketing planning and management within the business environment. Emphasis is on the role of the marketing manager at the product management level in undertaking analysis, planning, implementation and control of marketing activities. Application skills are learned through the development of a marketing plan incorporating the pivotal steps of: environmental analysis; sales forecasting and budgeting; market segmentation, targeting and positioning; consumer analysis; setting marketing objectives; product development and management; promotion; distribution; pricing and the various implementation and control issues.

**Courses:** BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** BSB126  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB217  
**Campus offered:** GP **Semester:** 1, 2

► **AMB241 E-MARKETING STRATEGIES**

E-Business and mobile commerce technologies have emerged as defining technologies for companies in the 21st century. This unit focuses on e-marketing applications and strategies and the marketer's role in developing solutions that integrate new and old economies. Drawing on their knowledge of marketing principles, students will examine the diverse applications of technology in product and service design; product distribution/service delivery and logistics; promotional strategies and other marketing components. The unit also explores the role of emerging electronic models and the use of e-marketing strategies to achieve global competitive advantage.

**Courses:** BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** AMB240  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB224  
**Campus offered:** GP **Semester:** 1, 2

► **AMB250 BUSINESS TO BUSINESS MARKETING**

This unit addresses the special characteristics of Business markets and Business-to-Business (B2B) marketing programs. It involves the study of organisational buyer behaviour and the special customer/client relationships that form an important part of the Business-to-Business marketing process. Business markets constitute a powerful and essential part of the world economy, being a preliminary source for retailing and manufacturing operations and the force behind major services sectors in supplying government and non-government services including health and education both domestically and internationally.

**Courses:** BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62  
**Prerequisites:** AMB240

## UNIT SYNOPSES

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** MIB220  
**Campus offered:** GP                      **Semester:** 1

### ► AMB251 INNOVATION AND MARKET DEVELOPMENT

This unit covers the dynamics of product innovation and market development within the mix of core marketing activities in organisations operating in both national and international markets. Products are defined in the broadest sense to include both tangible and intangible and the various categories of consumer, industrial, services, events and so on. The course covers such areas as product market analysis, the product development process, design, innovation, research and testing, branding and packaging, and investment analysis. The learning methodology will be mostly experiential and may include some hands-on computer usage, visits to industry where relevant and specific practical exercises.

**Courses:** BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62  
**Prerequisites:** BSB126

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** MIB227  
**Campus offered:** GP                      **Semester:** 1, 2

### ► AMB260 PUBLIC RELATIONS THEORY AND PRACTICE

This unit introduces the student to the theory and research that serves as the foundation of the practice of public relations. The unit surveys the history of the discipline, the theories on which the discipline is based, and current models of practice. The unit focuses on understanding how to research and analyse the opinions of organisational publics in order to develop mutually beneficial relationships with those publics.

**Courses:** BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** BSB126; or 48 credit points of approved prior study for non-Bachelor of Business students only

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** COB325  
**Campus offered:** GP                      **Semester:** 1, 2

### ► AMB261 MEDIA RELATIONS AND PUBLICITY

This unit will reflect the strong emphasis within public relations practice of media relations. It will introduce students to the theory of media effects and the role of mass media in public opinion formation and how these concepts contribute to campaign planning. It will also provide students with practical instruction in the development of media tools including media releases, media kits and media plans, and the use of publicity events in campaigns. New/interactive media will also be addressed.

**Courses:** BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** AMB260

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** COB329  
**Campus offered:** GP                      **Semester:** 1, 2

### ► AMB262 PUBLIC RELATIONS WRITING

This unit will introduce students to a range of public relations writing needs. With heavy practical emphasis, the students will create a substantial portfolio of writing across controlled and uncontrolled media. Writing for print and electronic forms will be covered as well as new/interactive media. The writing process will be examined from the perspective of audience needs and emphasis will be placed on the research components of writing exercise as well as the writing/rewriting cycle.

**Courses:** BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** AMB260

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** COB326  
**Campus offered:** GP                      **Semester:** 1, 2

### ► AMB280 MARKETING LOGISTICS

Marketing Logistics provides an introduction to the study of logistics and its role in marketing. Marketing logistics is concerned with the planning, development, maintenance and control of the system of supply and distribution activities

that place the organisation's product or service in the hands of its customers. The subject is designed to enable students to understand the importance of logistics, and make improvements that will increase customer service and reduce distribution costs. The subject involves the application of models and techniques concerned with product flow from producer to consumer and covers: purchasing and procurement, manufacturing and distribution strategies, quality, inventory costs and control, warehousing and transportation, location, and international logistics issues. Plant visits are an important part of the learning process.

**Courses:** BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** BSB126

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** MIB215  
**Campus offered:** GP

### ► AMB281 PROMOTIONAL STRATEGY

This unit introduces students to theories of promotional strategy within the marketing mix and more contemporary concepts of integrated marketing communication are reviewed in this subject. An analysis of the corporate and marketing strategies and decisions serves as the basis for studying branding, positioning and unique selling propositions as they affect promotional strategy and the choice of promotional mediums, tactical solutions and related planning. The development of integrated marketing communications strategies within organisations including planned communication, management of unplanned messages and other marketing functions, which contribute to brand image, are initially examined. More focused studies of the contemporary roles of public relations, advertising, sales promotion, personal selling and direct marketing are then undertaken.

**Courses:** BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** BSB126

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** MIB228  
**Campus offered:** GP

### ► AMB310 INTERNSHIP

Provides the student with experience of professional practice in a suitable company where they actively work on a part-time basis. Students undertake a preferred study program within the Advertising, Marketing or Public Relations framework. Students are required to submit a number of reports reflecting the theoretical concepts acquired during the degree program, and how they might be applied in practice. Students must obtain the approval of the Major Coordinator prior to enrolling in this unit.

**Courses:** BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61

**Prerequisites:** AMB221 and AMB222 or AMB241 or AMB261 and AMB262 and subject to the approval of the Major Coordinator  
**Corequisites:** AMB320 or AMB340 or AMB360

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** COB320 or COB321, or MIB308

**Campus offered:** GP                      **Semester:** 1, 2

### ► AMB320 ADVERTISING MANAGEMENT

This unit takes the perspective of the Advertising Manager and addresses the use of research in developing, implementing, managing, and assessing a successful advertising campaign. In Advertising Management, learners use the case method of learning to examine the advertising process from its place in the marketing mix to the formulation of objectives, strategy and budget to the development of creative and media tactics and their ongoing evaluation. In addition, issues that impinge upon the advertising campaign management process such as legal and ethical issues, globalisation and the client-agency relationship are discussed.

**Courses:** BS50, BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** AMB221 and AMB222

**Contact hours:** 3 per week    **Credit points:** 12

**Incompatible with:** COB306

**Campus offered:** GP

**Semester:** 1, 2

### ► AMB321 ADVERTISING CAMPAIGNS

This co-capstone advertising unit draws from all the theoretical, analytical, and applied material developed throughout the advertising major, and applies it to a client brief. Students develop advertising solutions that incorporate all aspects of an advertising campaign, including objectives, budgeting, message development, message delivery, and measurement. The key emphasis is on the use of research to develop sound advertising strategy, which is then executed as creative and media ideas and evaluated through ongoing benchmarks.

**Courses:** BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** AMB221 and AMB222

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** COB303  
**Campus offered:** GP                      **Semester:** 1, 2

### ► AMB330 ADVERTISING STRATEGY AND PLANNING

This advanced unit builds on the theoretical perspectives and applied skills introduced to students in copywriting, media and advertising management. It explores important issues such as the contribution of research to the creation of advertising; the hierarchical development of strategy from marketing and IMC strategy through to advertising, media and creative strategy; the role of the strategic planner in advertising and the use of planning to deliver more effective advertising solutions. Using problem-based learning, students establish benchmarks to evaluate advertising copy, type and design and devise strategies for on-time and on-budget process management. Students apply this advanced understanding and skills to their chosen field of advertising management, media or creative.

**Courses:** BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** AMB221 and AMB222

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** COB300  
**Campus offered:** GP                      **Semester:** 1

### ► AMB331 DIRECT MARKETING

The discipline of direct marketing has grown in importance because of its precise targeting, comparative ease of accountability, its foundation role in integrated marketing communication (IMC) and its increasing share of the marketing communication budget. This unit focuses on the principles of direct marketing and the role of the database in locating prospects, understanding their needs, tracking customers and building stakeholder relationships. It examines the components of direct marketing - telemarketing, personal selling and direct response advertising. As the main communication discipline of direct marketing, the emphasis is on direct response advertising, as students analyse the strategy, creative, media and testing and evaluation of direct marketing campaigns.

**Courses:** BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** AMB220 or AMB202

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** COB315  
**Campus offered:** GP                      **Semester:** 1

### ► AMB340 SERVICES MARKETING

The services sector accounts for around three quarters of GDP and over 80% of Australia's workforce reflecting global trends in the growth of the sector. This unit explores the special characteristics of services that distinguish the marketing of services from goods. Topics include the distinctive aspects of consumer decision-making relative to services and the implications for marketing strategy formation; the management of demand and supply; customer services and its influence on service satisfaction; service quality management and measurement; internationalisation of the service sector and distribution modes for services which reflect the significant impacts of new technologies on service delivery. The subject provides students with core disciplinary knowledge required in diverse marketing contexts such as professional service firms and con-

## UNIT SYNOPSES

sultancies, finance and banking, public sector services eg Education, Health and the Tourism and Hospitality sector.

**Courses:** BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** AMB240

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MIB311

**Campus offered:** GP

**Semester:** 1, 2

### ► AMB341 STRATEGIC MARKETING

Strategic Marketing is the capstone marketing unit which further extends the knowledge and skills introduced and developed in previous marketing units. Emphasis is on the role of the marketing manager at the corporate and strategic business unit/division levels. Students are exposed to a variety of strategic marketing techniques and issues through lectures and case studies and learn how to adopt and apply these in the business environment at the higher levels of corporate planning and management. Students will develop their knowledge and skills of strategy through using various tools of analysis and strategic decision making. These include: developing and critiquing strategic marketing planning models; analysing internal and external environmental factors; determining what marketing strategy can realistically accomplish for a business; identifying underlying factors that must be considered in developing marketing strategy; discussing problems and their related solutions to achieve strategic marketing success; recognising the importance of a customer focus in developing marketing strategy; and, organising for successful strategy implementation.

**Courses:** BS50, BS56, IF05, IF09, IF28, IF30, IF37, IF41, IF48, IF56, IF62, IF72

**Prerequisites:** AMB240

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MIB315

**Campus offered:** GP

**Semester:** 1, 2

### ► AMB350 RELATIONSHIP AND SALES MANAGEMENT

Theories related to marketing exchange and the concepts of consumer transactions and relationships and their relative importance in different marketing contexts (eg retail versus business-to-business markets, services and goods) are examined. The growth of customer relationship management including the transition of consumers along the transaction-relationship continuum and the development of accompanying marketing strategies is highlighted. A discussion of the relative emphasis on transactions and/or relationships in interfacing with the market provides a platform for examining the approach to sales management, including personal selling principles and ethics, the setting of sales objectives, selling logistics, account and territory management, sales force planning, recruitment and motivation and evaluation of sales performance.

**Courses:** BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** AMB240 or AMB202

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MIB230

**Campus offered:** GP

**Semester:** 1

### ► AMB351 TOURISM MARKETING

This unit examines the tourism system and the unique characteristics of tourists, segmentation bases for tourist markets, the nature of the tourist destination mix and how marketing is applied within elements of that mix. Services marketing concepts and theories of tourist behaviour are utilised in the analysis of the tourism experience; processes of destination and product development to meet market needs; and, strategy development to accommodate domestic and international tourism marketing environments. Macro-environmental issues impacting on tourism such as sustainability of the industry and environment, the socio-political context in which marketing occurs and global trends in travel are also explored for their marketing implications.

**Courses:** BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** AMB240

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MIB321

**Campus offered:** GP

**Semester:** 2

### ► AMB352 MARKETING DECISION MAKING

The nature of decisions and decision models in specific strategic and tactical areas of marketing management are examined in this unit. Decisions related to sales forecasting, market analysis, product planning, pricing, promotion and distribution are viewed from quantitative and qualitative perspectives. Students are exposed to computer software and analysis skills that aid the marketing decision process and build their analytical skills of direct relevance in marketing practice. The unit also embraces the analysis and application of marketing information systems including database marketing and the Internet as a marketing information resource.

**Courses:** BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** AMB240

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MIB320

**Campus offered:** GP

**Semester:** 2

### ► AMB353 RETAIL MARKETING

This unit focuses on the dynamics of the retailing industry. It provides students with detailed knowledge of the various approaches to how retail marketing is conducted nationally and internationally from both an operational and a strategic perspective. The unit provides a balance of theory and application in topics such as retail institutions and the retail life cycle, store location analysis, store layout, planning and design, merchandising, promotion and stock planning, franchising and industry trends.

**Courses:** BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** AMB240

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MIB229

**Semester:** 2

### ► AMB354 EVENTS MARKETING

Events have become significant strategic marketing tools for positioning products/services, industries, destinations and community interests at the local, national and global levels. Events are both a service product experience and a powerful integrated marketing tool for their private and public sector stakeholders. The unit initially explores various typologies, roles and objectives of events and the profile and motives of event markets and stakeholders. Key topics that are subsequently covered include: processes of attracting or developing the event experience including bidding processes; partnership creation with sponsors, media and community (including volunteers); venue selection and design relative to market/stakeholder needs; ticketing/pricing or access management and imaging the event from an integrated marketing communication perspective. A range of local and international cases is used to illustrate all elements of events marketing strategy.

**Courses:** BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** AMB240 or AMB202

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MIB319

**Campus offered:** GP

**Semester:** 1

### ► AMB360 CORPORATE COMMUNICATION MANAGEMENT

The unit explores the corporate communication management function within an organisation and identifies how decisions about the use of various corporate communication solutions are made. Emphasis will be placed in this unit on the role of corporate communication in management systems, the nature and processes of information management in corporate communication and environmental analysis. The unit will also draw on contemporary issues in corporate communication management including issues management, ethical and legal considerations in practice and the role of corporate communication in organisational change.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** AMB261 and AMB262

**Contact hours:** 3 per week **Credit Points:** 12

**Incompatible with:** COB324, AMB382

**Campus offered:** GP

**Semester:** 1, 2

### ► AMB361 PUBLIC RELATIONS CAMPAIGNS

This unit focuses on the public relations campaign planning process from problem identification and research through to strategy development, campaign development and evaluation. It is designed to meet the students' interests in understanding how various campaign elements come together and to test their ability to integrate their prior learning in the introductory theory and practice units. To service the practice elements of public relations implementation, the unit incorporates a number of client service aspects. Students will be expected to research, develop and present their plans. This unit incorporates real world clients to enhance the students' portfolios.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** AMB261 and AMB262

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** COB323, AMB381

**Campus offered:** GP

**Semester:** 1, 2

### ► AMB370 PUBLIC RELATIONS CASES

This unit will provide students with an understanding of a wide range of public relations challenges in order to build a better range of experience with management level organisational issues. Australian and international cases will be used to explore different components of public relations practice.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** AMB261, AMB262

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► AMB371 CORPORATE COMMUNICATION STRATEGIES

This unit provides students with an understanding of the development and analysis of communication strategy in public relations and corporate communication. Students learn theory and practice for systematic analysis of the 'fit' between environmental factors and organisational resources, the resulting communication problems and development of communication strategies. Students integrate theory and research in such areas as media effects, organisational change, diffusion, and persuasion for analysis and development of communication strategy.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62,

**Prerequisites:** AMB261, AMB262

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► AMB381 PUBLIC RELATIONS CAMPAIGNS

A specialist public relations unit allowing students to integrate the tactical subjects taken throughout the public relations course, in a strategic and focused manner. It is practice-based and the lecture program consists of topics covering client relations, use of research, objectives-setting, the managing of campaigns, problem-solving, planning and organising special events and media relations. Specialist practitioners are invited to impart their experience in the field. The major assignment is a campaign for a community organisation which is conducted with students working in small groups.

**Courses:** BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** AMB382

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** COB323, AMB361

**Campus offered:** GP

**Semester:** 1

### ► AMN400 CONSUMER BEHAVIOUR

This unit provides an introduction to the area of consumer behaviour and a forum for discussion of theory and research in the field. The current state of consumer behaviour research will be reviewed and the identification of some of the emerging trends in the area will be explored through several avenues of assessment. The unit provides the environment for students to conduct their own research in areas that are relevant, of

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interest to them and reflect the interdisciplinary nature of consumer behaviour.

**Courses:** BS39, BS63, BS92, BS93, GS30, GS31, GS85, GS86

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MIN419

**Campus offered:** GP **Semester:** 1, 2

### ► AMN401 INTEGRATED MARKETING COMMUNICATION

Integrated marketing communication (IMC) is a new discipline that seeks synergistic effect from integrating traditional marketing communication disciplines. This unit explores the development of IMC, looking at reasons for growth, barriers to implementation and organisation issues. Students are introduced to the strategic foundations of IMC, for the communication process to the campaign evaluation. The disciplines of advertising, public relations, direct response and sales promotion are then explored to highlight how each contributes to IMC planning.

**Courses:** GS30, GS31, GS85, GS86

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** COB421

**Campus offered:** GP **Semester:** 1, 2

### ► AMN403 MARKETING AND SURVEY RESEARCH

This unit provides a detailed overview of marketing research to support decision making in the area of advertising, marketing and public relations. The primary focus of the unit is to build an advanced understanding of the use of survey research to support the descriptive, diagnostic, and predicative information needs of management in such areas as consumer opinions about products and organisational issues, target audience information processing, mass media effects, and public opinion. Students will undertake an in-depth exploration of issues related to survey research design, questionnaire development and administration, sampling, measurement, data analysis including descriptive and multivariate statistics, and the development and presentation of research proposals and results.

**Courses:** GS30, GS31, GS85, GS86

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MIN413

**Campus offered:** GP **Semester:** 1, 2

### ► AMN404 READINGS IN INTEGRATED MARKETING COMMUNICATION

The unit provides participants with the opportunity to make a detailed exploration of the literature on a particular topic or problem in the area of Integrated Marketing Communication under the direction of a supervisor. The readings integrate and consolidate theory and research related to IMC and from other studies undertaken in the course. Students undertake a formal and systematic review of literature in a particular problem area of IMC related to their interests, project or thesis. Students may also explore work covered in other specialisations.

**Courses:** BS93 **Prerequisites:** PG only

**Contact hours:** Supervision only

**Credit points:** 12

**Incompatible with:** CON416

**Campus offered:** GP **Semester:** 1, 2, 3

### ► AMN405 CASE STUDIES IN INTEGRATED MARKETING COMMUNICATION

This unit provides students with the opportunity to explore a range of topics related to the integration of the elements of the promotional mix—advertising, personal selling, reseller support, publicity, direct marketing, and sales promotion. Through the use of intensive case study analysis and discussion, students will refine conceptual understanding and analytical skills to explore such IMC topics as brand equity and IMC, IMC approaches to promotions management, organisational issues related to structuring corporate IMC functions, environmental analysis and database marketing to inform IMC planning, and IMC strategies and the development of corporate advantage.

**Courses:** BS39, BS63, BS92, BS93

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP

### ► AMN420 ADVERTISING MANAGEMENT

Empowers students to make effective management decisions within the advertising process. It examines the setting of advertising objectives, and the need for coordination of these with marketing, communication and organisational objectives. It develops a sound understanding of advertising regulations and ethics, budgeting, research and campaign coordination. It further examines management's participation in the creative, media and production processes, and the contribution of advertising management to the cohesion and creativity of the agency.

**Courses:** GS30, GS31, GS85, GS86

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** CON417

**Campus offered:** GP **Semester:** 1, 2

### ► AMN421 CONTEMPORARY ISSUES IN ADVERTISING

Surveys the intellectual foundations of a number of contemporary issues emerging within the advertising discipline and provides sophisticated, systematic explanations of their societal implications and consequences.

**Courses:** GS30, GS31, GS85, GS86

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** CON412

**Campus offered:** GP **Semester:** 1, 2

### ► AMN422 MEDIA STRATEGY

One of the ultimate determinants of the effectiveness of any advertising campaign is the media strategy. This unit examines ways to improve efficiency in media planning, buying, coordination and research. It examines concepts of media decision making, market targeting through the creative use of media, and strategic planning. It explores current media campaigns, and encourages the development of a more creative and integrated approach to media.

**Courses:** BS72, BS88, BS93, BS39

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** CON418

**Campus offered:** GP **Semester:** 1

### ► AMN423 STRATEGIES FOR CREATIVE ADVERTISING

This unit explores the substantive body of academic research on creative advertising. It follows the creative process, beginning with the development of creative strategy and concluding with campaign evaluation. Through cases and presentations, student examine how copywriters think, the illumination of the big idea and its execution across the very diverse advertising media.

**Courses:** GS30, GS31, GS85, GS86

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** CON419

**Campus offered:** GP **Semester:** 2

### ► AMN424 ADVERTISING PLANNING

This unit allows students to integrate their knowledge of advertising acquired through prior studies and professional experience. The unit helps learners develop the skill and perspective to understand and critically analyse the process of planning for the development of advertising campaigns. In addition to learning about the advertising planning process, learners will develop an advertising campaign, including the strategy behind the campaign, its objectives, message and media strategies, investment levels, and methods of evaluation.

**Courses:** BS39, BS72, BS88, BS93

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** CON419

**Campus offered:** GP **Semester:** 1

### ► AMN442 MARKETING MANAGEMENT

The study of marketing, marketing systems and marketing management and marketing planning within contemporary structure of social, cultural, political, economic, business and organisational environment. Concepts are applied through the

study and construction of a marketing plan, which involves market and sales analysis, target market strategies, tactical decision planning, and implementation and control. Marketing management concepts are applied to virtual and physical markets and attention is given to the range of financial, human resources, informational and other skills needed by marketing managers in these markets.

**Courses:** BS39, BS63, BS92, BS93

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MIN422

**Campus offered:** GP **Semester:** 1, 2

### ► AMN443 PRODUCT AND SERVICE INNOVATION

This unit examines the dynamics of innovation and development within the mix of core marketing activities of organizations. Once establishing the integral role innovation plays in organizations, the unit also reviews the key stages in the process of creating, developing and implementing new product and service concepts including product, service and market analysis, design, innovation, evaluation and testing of ideas, branding and packaging, market testing and investment analysis.

**Courses:** BS39, BS63, BS92, BS93, GS30,

GS31, GS38, GS85, GS86

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MIN423

**Campus offered:** GP **Semester:** 1

### ► AMN444 SERVICES MARKETING

This unit emphasises the services, which comprise three-quarters of developed economies. In services, relationships with customers have a large role, and so this unit concentrates on establishing or identifying valuable customers and maintaining relationships with them. Issues include: segmenting services markets, developing and measuring relationships, long run networks versus one-off transactions, service quality management in various industries such as retailing and tourism and innovations in services distribution.

**Courses:** BS30, BS39, BS63, BS92, BS93,

GS10, GS11, GS13, GS85, GS86, GS87, GS90,

GS91, GS92

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MIN424

**Campus offered:** GP **Semester:** 1

### ► AMN445 STRATEGIC MARKETING MANAGEMENT

This is a capstone unit which aims to ensure students can manage the complete marketing function at a senior level within a corporation, and includes assessing the marketing function's performance with appropriate tools to diagnose, assess, track and evaluate performance and to modify processes to improve the function. Links between the marketing function and other functions of a business such as accounting, operations and human resources will be drawn, so that the student would be in a position to move into top management if the opportunity arose.

**Courses:** BS30, BS39, BS63, BS92, BS93

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MIN424

**Campus offered:** GP **Semester:** 2

### ► AMN447 CONTEMPORARY ISSUES IN MARKETING

Advances in communication technology, virtual network systems and the global knowledge base are making the world a smaller place in which to do business. The future of marketing and business operations is being affected significantly by these changes. This unit offers advanced study of these and other topical issues and emerging trends in national and international marketing, thus complementing and extending knowledge gained in other more fundamental units in the postgraduate marketing degree program. The unit offers the opportunity to keep up-to-date with issues and forces of change that are impacting worldwide on contemporary marketing practice and theory. Students research the current status



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of issues that have emerged in recent years, as well as observing and analysing up-to-the-minute issues on a global basis as they are reported each week of the semester. Industry guests and site visits are used where possible to complement the learning process.

**Courses:** BS39, BS63, BS92, BS93

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MIN407

**Campus offered:** GP

**Semester:** 2

### ► AMN448 MARKETING FOR ONLINE SERVICES

Online technologies open up a new marketplace and communication medium involving ideas, information, entertainment and commerce. With a changing marketplace, organisation and the people they employ need to acquire the skills to develop and work with new types of interactive products and services. It requires the understanding of the opportunities to approach markets locally, regionally and globally and to develop new markets previously unreachable. This entails a re-think of the existing paradigm for the marketing of goods and services and a development of a process for analysing the changing marketplace.

**Courses:** BS39, BS92, BS93

**Prerequisites:** PG only

**Incompatible with:** MIN438

**Campus offered:** GP

### ► AMN460 CORPORATE AND INVESTOR RELATIONS

Reviews all aspects of the public relations function in communicating with corporate audiences. Specific focus is placed on how corporate entities meet both regulatory and promotional requirements in communicating with special interest groups including shareholders and employees. Suitable communication tools will be examined for use in ongoing communication programs.

**Courses:** BS72, BS88, BS93, BS39

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** CON409

**Campus offered:** GP

**Semester:** 2

### ► AMN461 CORPORATE MEDIA STRATEGY AND TACTICS

Examines theories underpinning mass media and links these with the practice of public relations media tactics. Students analyse techniques and skills used in liaison with electronic media, print media, trade media and news media. Producing and evaluating communication materials such as news releases, features and media kits forms an important part of this unit. Students will develop strategic thinking through analysis of contemporary media case studies.

**Courses:** GS30, GS31, GS85, GS86

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** CON424

**Campus offered:** GP

**Semester:** 1, 2

### ► AMN463 PUBLIC OPINION AND PUBLIC RELATIONS

This unit provides a detailed overview of the theoretical foundations and empirical research on public opinion. The overview includes a detailed examination of the role of mass media in the development and change of public opinion. The unit addresses the central problems of measuring and interpreting public opinion. An additional focus of the unit is to examine the role of public relations in efforts to shape and manage public opinion. Finally, the unit builds an advanced understanding of the use of survey research to support the descriptive, diagnostic, and predicative information needs of corporate management related to public opinion.

**Courses:** BS39, BS72, BS93

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► AMN464 PUBLIC COMMUNICATION

Explores the scope and context of public communication campaigns - how they are constructed, their assumptions and research methods underpinning them, and asks students to consider whether campaign planning and evaluation is as

effective as it might be. The unit also explores community activities to develop a public issue, and community consultation as a process.

**Courses:** BS72, BS88, BS93, BS39

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** CON414

**Campus offered:** GP

### ► AMN465 PUBLIC RELATIONS MANAGEMENT

This unit provides learners with an overview of the theory and research that constitute the foundations of public relation practice. The unit provides a detailed inspection of communication processes necessary for the management of organisational relationships with publics. The unit focuses on such topics as issues management, organisational change, public opinion, and mass media effects in order to explore the foundations of contemporary public relations management.

**Courses:** GS30, GS31, GS85, GS86

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** CON415

**Campus offered:** GP

**Semester:** 1, 2

### ► AMN466 CORPORATE COMMUNICATION STRATEGY

This unit provides learners with an understanding of the development and analysis of communication strategy in public relations, advertising, and organisational communication. Students explore case studies to treat issues related to competitive and corporate advantage based on analysis of the 'fit' between environmental factors and organisational resources. Case study analysis includes identification of communication problems and development of communication strategies. The primary outcomes for the unit focus on the refinement of analytical skills for strategic communication planning and management.

**Courses:** BS63, BS72, BS88, BS92, BS93

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** CON406

**Campus offered:** GP

### ► AMN467 PUBLIC RELATIONS CAMPAIGNS

This unit provides a systematic exploration of the planning, management and evaluation of public relations campaigns and programs. The primary goal of the unit is to build a detailed understanding of existing theory and research that informs the development and evaluation of public relations campaigns. The unit focuses on key problem areas of campaign management including strategy, design and evaluation.

**Courses:** BS39, BS72, BS93

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► AMN468 ISSUES AND CRISIS MANAGEMENT

Examines the strategic management of crisis communication including for organisations. A strategic planning approach will be covered including organisation analysis, issues identification, audience prioritisation, strategy formulation, tactical planning and implementation and evaluation. Pre-crisis issues in management will be addressed as well as proactive and defensive communication strategies during crisis. The unit will demonstrate the application of general communication tools to a specialised area.

**Courses:** BS93, BS39, BS72

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** CON408

**Campus offered:** GP

**Semester:** 1

### ► AMN482 MARKETING FOR THE NONPROFIT SECTOR

The theory and application of strategic marketing in the public and nonprofit sector is studied in this unit. The unit reviews key topics such as: stakeholder analysis; marketing research; cause related imaging and competitive positioning; marketing mix formulation and campaign development. Issues and characteristics that differentiate nonprofit marketing, allegiances to multiple markets and an increasingly competitive fundraising environment are discussed. Within the

not-for-profit marketing mix, topics examined by students encompass the social cause as service/product, contemporary fundraising strategies, service delivery options (off-line and online) and integrated marketing communication including database marketing and relationship management.

**Courses:** BS39, BS93, BS94, BS95, BS98, GS10

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MIN439

**Campus offered:** GP

**Semester:** 2

### ► ARB081 HISTORY, THEORY AND CRITICISM OF URBAN DESIGN

Analysis of urban forms and systems in the pre-industrial, industrial and post-industrial periods. Specific history topics include urban activities, urban culture and diversity, urban services and urban form. This unit addresses concepts of 'good theory' of urban design in relation to the work of a number of theoretical writers and schools. Specific theoretical topics include the 'kunstlerischen Grundsätzen' of Camillo Sitte, the Garden City movement, Le Corbusier and modernism, the counter-modern influences of the townscape movement, Jane Jacobs, Kevin Lynch and the Responsive Environments approaches, Christopher Alexander, Rapoport, phenomenological approaches, and recent movements such as 'the new urbanism'.

**Courses:** BN73, DB73

**Campus offered:** GP

**Credit points:** 12

**Semester:** 1

### ► ARB082 URBAN DESIGN STUDIO B

This studio covers identification and classification of approaches to urban design, the setting of objectives, urban design rationales, the adoption of a method and the testing of implications for a particular urban design problem type. This unit will typically involve a theory based preparation of an urban design proposal for an urban/suburban/town area, and/or an urban design issue. Where applicable, work in other units of study will be incorporated into this unit. The 24 credit points allows focus, depth and, where appropriate, joint/complementary project work with senior students in other Faculty courses. Field work will be incorporated.

**Courses:** BN73, DB73

**Campus offered:** GP

**Credit points:** 24

**Semester:** 1

### ► ARB083 URBAN DESIGN MASTERS STUDIO

An advanced level urban design project, supported by seminars presented by staff, students and visiting lecturers and distinguished practitioners. This studio will focus on changes in the production and consumption of the city, including the effects of globalisation, space-time compression, economic rationalism, and the privatisation of space, services and professional activities.

**Courses:** BN73, DB73

**Prerequisites:** Completion of Graduate Diploma coursework

**Credit points:** 24

**Campus offered:** GP

**Semester:** 3

### ► ARB801 FIRE TECHNOLOGY AND SCIENCE

Topics covered include chemistry and physics of fire; heat transfer mechanisms; combustion processes; fire behaviour of materials; fire initiation and development; fire growth and spread; flash-over; management of fire; theory of fire extinguishment; detection and extinguishment systems; fire brigade involvement.

**Courses:** AR65

**Campus offered:** GP

**Credit points:** 12

**Semester:** 1

### ► ARB802 HUMAN BEHAVIOUR AND FIRE

Effects of fire on life and property and community costs; human studies and response models; hazardous fire environments; egress calculations and models; human behaviour: occupant characteristics, behaviour during emergencies, response times; risk management-Probabilistic fire models.

**Courses:** AR65

**Campus offered:** GP

**Credit points:** 12

**Semester:** 2

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### ► ARB803 FIRE AND BUILDING LEGISLATION

Society's expectations for life safety and asset protection; traditional prescriptive approach; performance principles and methodology; state legislation (administrative framework); PBCA 96 and Australian Standards (technical framework); legal issues related to PBCA process and procedural matters; integrated approval (dangerous goods, health care, etc)

**Courses:** AR65 **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

### ► ARB804 FIRE SAFETY SYSTEM DESIGN

Mechanics of smoke and fire spread in buildings; smoke and fire management; external fire spread and heat radiation; fire load and severity; building structural fire performance (materials and structure); fire modelling; application of fire growth models to fire protection problems; fire protection; methodology for fire safety risk assessment; estimation of fire safety performance parameters; case studies.

**Courses:** AR65 **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► AYB121 FINANCIAL ACCOUNTING

Financial Accounting provides an examination of the accounting concepts and procedures relevant to both Partnership and Corporate Structures within the context of: the accounting profession's conceptual framework; the relevant accounting standards and Corporations Law requirements. Topics include: the formation, operation, financial reporting and disclosure for both Partnerships and Companies, accounting for leases; and the professional role of accountants. The emphasis is on the effect of the different forms of ownership on the financial statements.

**Courses:** BS50, BS56, ED50, IF37  
**Prerequisites:** BSB110

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AYB111, ACB115, ACB210, AC3001, AC3014

**Campus offered:** GP **Semester:** 1, 2

### ► AYB122 GOODS AND SERVICES TAX

This unit introduces students to goods and services tax (GST). In particular, the unit provides an examination of the rules governing an entity's GST liabilities and entitlements, the rules on how entities are to account for these liabilities and entitlements, special rules that relate to particular entities, the rules that apply to particular transactions, and the anti-avoidance provisions of the GST law.

**Courses:** BS56  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1, 2

### ► AYB220 COMPANY ACCOUNTING

This unit includes: the preparation of consolidated financial statements; an overview of the statutory requirements that dictate the format and content of published financial reports of companies; the requirements of the Corporations Act 2001 and the major disclosure orientated accounting standards; accounting for income tax; accounting for the acquisition of assets (including entities); accounting for investments in associates; accounting for foreign currency transactions arising from international trading and financing; and the translation of the results of foreign operations.

**Courses:** BS50, BS56, ED50, IF37, IF72, IF48  
**Prerequisites:** AYB121

**Contact hours:** 3.5 per week **Credit points:** 12  
**Incompatible with:** AYB112, ACB212, ACB412, AC3003, AC3016

**Campus offered:** GP **Semester:** 1, 2, 3

### ► AYB221 COMPUTERISED ACCOUNTING SYSTEMS

This unit provides an examination of the concepts, processes and issues relevant to computerised accounting systems including accounting information systems; internal controls; design and development of computerised accounting systems including general ledger and reporting cycle, revenue cycle, expenditure cycle, payroll cycle and production cycle; computer fraud, security and crime; accessing accounting information; and accounting in an electronic

environment. Practical application of these concepts is enhanced by the use of accounting software such as MYOB, spreadsheet software such as Excel, databases and software such as Access, and interactive multimedia software such as Accounting Information Systems Cycles.

**Courses:** BS50, BS56, ED50, IF37, IF72  
**Prerequisites:** BSB110

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AYB222, AYB101, ISB492, AC3010, AC3033

**Campus offered:** GP **Semester:** 1, 2

### ► AYB223 LAW OF BUSINESS ASSOCIATIONS

The unit is intended to equip students with a basic understanding and knowledge relevant to the environment of legal entities, particularly corporations. It also seeks to provide students with sufficient basic understanding of the legal structure of business associations to enable them to recognise the appropriate structure for particular commercial situations.

**Courses:** BS50, BS56  
**Prerequisites:** BSB111

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** ALB122, ACB240, LW3002, LW3014

**Campus offered:** GP **Semester:** 1, 2

### ► AYB225 MANAGEMENT ACCOUNTING

This unit introduces students to accounting systems and techniques which provide management at all levels with information for use in planning, controlling and decision making. This can be contrasted with financial accounting, which provides summary financial information principally for external users (ie shareholders, creditors, banks etc). Emphasis is placed on developing a range of accounting systems (in particular product costing) which may be used in manufacturing firms, although the principles and concepts used to develop such systems can be adapted to service organisations.

**Courses:** BS50, BS56, ED50, IF28, IF30, IF37, IF40, IF41, IF47, IF48, IF60, IF72, IT20

**Prerequisites:** BSB110  
**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AYB224, FNB123, ACB220, AC3004, AC3017

**Campus offered:** GP **Semester:** 1, 2

### ► AYB227 INTERNATIONAL ACCOUNTING

International Accounting provides students with the knowledge of international accounting crucial for achieving proper understanding of international business communications. International accounting was once a specialist field of inquiry. Today it is an integral feature of the global business and financial scene. This unit is designed to provide students with an insight into, and an appreciation of, many of the accounting problems and issues faced in an international business environment. Issues examined include: comparative international accounting systems and practices; cultural influences on accounting; international financial reporting issues such as international business combinations, intangibles, foreign currency transactions and translation, comparative international analysis of financial statements; and global accounting issues in the twenty-first century.

**Courses:** BS56 **Prerequisites:** BSB110  
**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► AYB301 AUDITING

This unit enables students to comprehend the key concepts of auditing as a discipline, to demonstrate the relationship between auditing and the systems of accountability and to demonstrate the differences between manual and EDP audit processes. The unit builds on the knowledge of accounting and accounting standards acquired in prior units by enabling students to understand in detail the audit process (including professional auditing standards and techniques) which leads to the auditor providing an opinion on the financial reports of various types of entities.

**Courses:** BS50, BS56, ED50, IF28, IF30, IF37, IF47, IF62, IF72

**Prerequisites:** AYB220

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AYB210, ACB311, AC3005, AC3018

**Campus offered:** GP **Semester:** 1, 2

### ► AYB305 COMPANY LAW AND PRACTICE

Advanced topics in company law including: protection of minority interests; dividend policy; insider trading, takeovers and buy-backs, law relating to financially troubled companies.

**Courses:** BS50, BS56 **Prerequisites:** AYB223  
**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ALB120

**Campus offered:** GP **Semester:** 2

### ► AYB309 COMPUTER SECURITY AND AUDIT

The impact of Computer Information Systems (CIS) on controls and auditing, general controls, application controls, generalised audit software, static and concurrent computer-assisted audit techniques, and special CIS environments. A focus on the audit of the SAP R/3 system will be provided.

**Courses:** BS50, BS56 **Prerequisites:** AYB301  
**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AYB212

**Campus offered:** GP **Semester:** 2

### ► AYB310 COMPUTERISED ACCOUNTING APPLICATIONS

Use of software to build various accounting applications and discusses issues related to the use of such applications. Database software will be used to build parts of an accounting information system (for example, general ledger, accounts receivable ledger or accounts payable ledger). Macros will be utilised in spreadsheets software to build automated accounting-related models. Issues and recent developments in accounting information systems will also be examined.

**Courses:** BS50, BS56 **Prerequisites:** AYB221  
**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AYB218

**Campus offered:** GP **Semester:** 2

### ► AYB311 FINANCIAL ACCOUNTING ISSUES

Introduces the nature of accounting theory, and integrates theory with accounting practice to assist in the understanding of major accounting issues involving the measurement of profits, assets and liabilities; history of accounting theory; positive accounting theory and capital markets research; external reporting framework including the standard setting process and the conceptual framework. Definition, recognition, measurement and classification of assets, liabilities, owner's equity, revenue and expenses. An overview of contracting cost theory is provided to help explain why companies would choose one accounting policy over another. Accounting for long term construction contracts, general insurers and superannuation funds; revaluation of non-current assets, accounting for goodwill and intangibles and accounting for the extractive industries; debt versus equity, off-balance sheet finance, accounting for financial instruments, leases, employee entitlements (such as share options) and superannuation plans.

**Courses:** BS50, BS56, ED50, IF37  
**Prerequisites:** AYB220

**Contact hours:** 3.5 per week **Credit points:** 12  
**Incompatible with:** AYB113, ACB310, AC3007, AC3023

**Campus offered:** GP **Semester:** 1, 2

### ► AYB312 FINANCIAL INSTITUTIONS LAW

This unit deals with the regulation of banks and non-bank financial institutions, the financial institutions' scheme, banker-customer relationship, laws relating to cheques and other negotiable instruments, negligent advice by financial institutions and other possible grounds of liability in its dealings with customers.

**Courses:** BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF62

**Prerequisites:** BSB111  
**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ALB103

**Campus offered:** GP **Semester:** 1

## UNIT SYNOPSES

### ► AYB313 GOVERNMENT ACCOUNTING

This unit is designed to expose students to the context and operation of accounting in the public sector. Government accounting and budgeting practice is reviewed, and a comparison is made to private sector practice. This unit will examine several practical aspects of public sector accounting.

**Courses:** BS56

**Prerequisites:** BSB110

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► AYB321 STRATEGIC MANAGEMENT ACCOUNTING

This unit develops a theory of organisations that provides an understanding of the information requirements of management to facilitate the strategic planning, decision-making and control necessary for the achievement of their objectives. This unit prepares students for a world of unstructured problem-solving and develops skills in managerial decision-making. The unit commences with an overview of the nature of organisations and the potential for human behaviour to impede the achievement of organisational objectives. The theory is then extended into a consideration of how organisational structures and operational technologies have evolved to resolve this problem. These include the management of control systems, performance evaluation and compensation incentives and decision-making in regard to cost, profit and investment centres. New management accounting practices around the world, including activity based costing, balanced scorecard; and economic value added are discussed as techniques for adding value to the firm.

**Courses:** BS50, BS56, ED50, IF37, IF48

**Prerequisites:** AYB225

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** FNB124, ACB321, AC3009, AC3025

**Campus offered:** GP **Semester:** 1, 2

### AYB323 TAX PLANNING

Application of income tax and other revenue laws to specific tax planning situations, including employment, business structures, restructuring; and broad consideration of related issues, such as government incentives, the professional responsibilities of the tax practitioner and the statutory provisions, case law and professional standards relating to tax avoidance and evasion.

**Courses:** BS50, BS56

**Prerequisites:** AYB328 or as a corequisite

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ALB131

**Campus offered:** GP **Semester:** 2

### ► AYB325 TAXATION LAW

This unit introduces student to the statutory framework of the Australian taxation system. Elements in the determination of taxable income and the levy of income tax are examined including general and specific categories of accessible income and allowable deductions, capital gains tax and administration aspects of the tax system. The taxation of fringe benefits is also briefly examined. The unit concludes with a brief overview of the taxation of partnerships, trusts and companies and the goods and services tax. Emphasis is placed on developing students' skills in problem solving through research and analysis of taxation issues.

**Courses:** BS50, BS56 **Prerequisites:** AYB223

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ALB132, ACB340, LW3004, LW3015

**Campus offered:** GP **Semester:** 1, 2

### ► AYB328 TAXATION LAW 2

This unit examines the principles governing the taxation treatment of various business entities from a domestic and international perspective. The taxation processes for partnerships, companies, trusts and superannuation funds will be analysed so that students are able to advise clients on the tax effectiveness of various business structures from a commercial and professional aspect. The unit is taught within the context of the recent tax reform process including the consolidation and entity tax regime effective as at 1

July 2001. Emphasis is placed on developing skills in problem solving through research and analysis of taxation issues.

**Courses:** BS50, BS56 **Prerequisites:** AYB325

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AYB326, ALB133

**Campus offered:** GP **Semester:** 1, 2

### ► AYB331 AUDITING AND PROFESSIONAL PRACTICE

The audit approach; planning an audit; verification of the balance sheet and profit and loss statement, trade debtors, inventory, non-current assets, cash, investments, taxation, capital and retained profits; audit sampling theory techniques and applications; CIS auditing; legal liability; and other issues of current professional interest.

**Courses:** BS56

**Prerequisites:** AYB301 **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► AYB334 PRINCIPLES OF SUPERANNUATION

The nature of superannuation; types of plans and their advantages and disadvantages; Australia's superannuation regulatory system; record keeping for superannuation funds; accounting for superannuation plans and employee entitlements; audit of superannuation plans; taxation of superannuation; contemporary issues in superannuation.

**Courses:** BS56

**Prerequisites:** BSB110 and BSB111

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► AYB335 PRINCIPLES OF PERSONAL FINANCIAL PLANNING

The nature of financial planning; ethical and legal obligations of practitioners; risk assessment financial planning for personal exertion income and personal expenditure, superannuation; taxation of superannuation benefits; forms of direct and indirect investment; family law implications for financial planning; succession planning; planning for declining physical and mental capacity; evaluating investment options and assessing financial planning needs; eligibility for selected social security benefits and preparing a simple financial plan.

**Courses:** BS50, BS56 **Prerequisites:** BSB111

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► AYN405 ADVANCED TAX PLANNING

Application of technical expertise in income tax and other revenue laws to specific tax planning situations including employment, retirement, investment, business and professional practice; the professional responsibilities of tax advisers.

**Courses:** BS70, BS94 **Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ALN101

**Campus offered:** GP **Semester:** 1

### ► AYN406 CAPITAL GAINS TAX

Analysis of the capital gains tax regime, a discrete area of taxation law that is complex in nature and has far-reaching commercial ramifications. The focus is on specific issues that have significant practical relevance.

**Courses:** BS70, BS94 **Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ALN102

**Campus offered:** GP **Semester:** 1

### ► AYN410 BUSINESS LAW AND ETHICS

Introduction to business law and to morality in the business context involving interpretation of statutes, law of torts, contract law, consumer protection and agency; morality and how it works as an aspect of the business community; the origins of moral belief, and the motives which lead people to abide by what they believe to be morally right and to persuade others to do likewise with special emphasis on business aspects of morality.

**Courses:** BS30, BS89 **Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ALN103

**Campus offered:** GP **Semester:** 1

### ► AYN411 COMPANY AUDITING

The audit environment; legal liability of auditors; professional ethics; study and evaluation of audit planning and programming, evidence, internal control theory and review techniques; audit program applications; revenue, receivables, cash; inventory; audit in CIS environment and evaluation of CIS controls; computer-assisted audit techniques; computer fraud; audit sampling techniques; and audit reporting.

**Courses:** BS89

**Prerequisites:** PG only; plus AYN417

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AYN120

**Campus offered:** GP **Semester:** 1

### ► AYN412 COMPANY LAW

The law relating to the establishment, operation and dissolution of business associations, the forms of business associations; partnerships, trusts, companies and voluntary associations. A focus on companies: incorporation requirements, classification, share capital and management issues.

**Courses:** BS89

**Prerequisites:** PG only; plus AYN410

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► AYN413 COMPUTER AUDITING

The impact of Computer Information Systems (CIS) on controls and auditing, general controls, application controls, generalised audit software, static and concurrent computer-assisted audit techniques, and special CIS environments. A focus on the audit of the SAP R/3 system will be provided.

**Courses:** BS70, BS94 **Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AYN109

**Campus offered:** GP **Semester:** 2

### ► AYN414 COST ACCOUNTING

Introduction to management accounting; the role of the management accountant; cost concepts; job and process costing systems budgeting; direct and absorption costing; cost volume profit analysis.

**Courses:** BS89, GS30, GS31, GS38, GS85, GS86

**Prerequisites:** PG only; AYN416

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► AYN416 FINANCIAL ACCOUNTING 1

An introduction to accounting; recording business transactions; adjusting the accounts and preparing financial statements; completion of the accounting cycle; accounting systems and specialised journals; cash and cash journals; accounting for receivables and payables; accounting for merchandising operations and inventories; non-current assets; partnerships; companies; statement of cash flows; analysis and interpretation of financial statements.

**Courses:** BS30, BS89, GS70, GS81

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AYN112

**Campus offered:** GP **Semester:** 1

### ► AYN417 FINANCIAL ACCOUNTING 2

The preparation of consolidated financial statements; an overview of the statutory requirements that dictate the format and content of published financial reports of companies; the requirements of the Corporations Act 2001 and the major disclosure orientated accounting standards; accounting for income tax; accounting for the acquisition of assets and re-organisation of the corporate structure through the subsidiaries; the termination of a company's life and the accounting procedures necessitated by winding up/liquidation; and accounting for foreign currency transactions arising from international trading and financing.

**Courses:** BS30, BS89, GS30, GS31, GS38, GS85, GS86

**Prerequisites:** PG only; plus AYN416

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AYN113

**Campus offered:** GP **Semester:** 2

## UNIT SYNOPSES

### ► AYN418 FINANCIAL ACCOUNTING 3

This unit is designed to introduce students to the nature and development of accounting theory, and to the application of theory to practice. The course includes an overview of the nature and history of accounting theory; positive accounting theory and capital markets research; the external reporting framework including the standard setting process and the conceptual framework. An overview of contracting cost theory is provided as a rationale for accounting policy choices. The definition, recognition, measurement and classification of: assets, liabilities, equity, revenues and expenses is covered. Specific accounting issues covered include: revaluation of non-current assets; goodwill; research and development; intangible assets; extractive industries; debt defeasance; off-balance sheet financing; debt v equity; financial instruments; employee entitlements; and leases.

**Courses:** BS30, BS89, GS30, GS31, GS38, GS85, GS86

**Prerequisites:** PG only; plus AYN417

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AYN114

**Campus offered:** GP **Semester:** 1

### ► AYN424 INTERNATIONAL ACCOUNTING

This unit is designed to provide students with an insight into, and an appreciation of, many of the accounting problems and issues faced in an international business environment. This unit examines issues including: accounting systems in the global environment; international patterns of accounting development including cultural influences on accounting; comparative international accounting systems and practices; the pressures for international accounting harmonisation and disclosure; international disclosure trends and financial analysis; global accounting issues into the twenty-first century.

**Courses:** BS70, BS94 **Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AYN119

**Campus offered:** GP **Semester:** 2

### ► AYN430 MANAGERIAL ACCOUNTING ISSUES A

This unit is an advanced managerial accounting unit. It investigates at an advanced level some selected issues from undergraduate studies. In addition, a number of new approaches that have become popular in practice in recent times are studied, and advanced mathematical approaches to decision-making are investigated.

**Courses:** BS70, BS94 **Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** FNN110

**Campus offered:** GP **Semester:** 1

### ► AYN432 PUBLIC SECTOR ACCOUNTING ISSUES

This unit is designed to expose students to a number of contemporary issues in accounting for the public sector. Readings from both the research and professional literature will be used to enhance student's understanding of the context and operation of accounting in the public sector. This unit will examine several conceptual and practical aspects of public sector accounting.

**Courses:** BS70, BS94 **Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** FNN111

**Campus offered:** GP **Semester:** 1

### ► AYN433 SPECIAL TOPIC IN ACCOUNTING A

In this unit, students research an accounting topic chosen by the student in consultation with the lecturer. Initially the student investigates at least two areas of potential research in conjunction with the lecturer and gives a class presentation on an aspect of these. Subsequently, under the supervision of the lecturer, the students develop one of the topics into an essay of the approximate length of an academic article in a journal of accountancy. Essays of high distinction will be considered for inclusion in the School of Accountancy's Working Paper Series. Subjects may be chosen from a broad variety of topics including accounting theory, financial accounting, management accounting, auditing, financial and

business analysis, international accounting, accounting history, business law and taxation.

**Courses:** BS70, BS94, BS92

**Prerequisites:** PG only; BSN507

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► AYN438 TAXATION LAW AND PRACTICE

This unit introduces students to the statutory framework of the Australian taxation system. Elements in the determination of taxable income and the levy of income tax are examined including general and specific categories of assessable income and allowable deductions, capital gains tax and administration aspects of the tax system. The taxation of fringe benefits is also briefly examined. The unit concludes with a brief overview of the taxation of partnerships, trusts and companies and the goods and services tax. Emphasis is placed on developing students' skills in problem solving through research and analysis of taxation issues.

**Courses:** BS30, BS89

**Prerequisites:** PG only; plus AYN412

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► AYN439 MANAGEMENT ACCOUNTING

This unit covers planning and control; decision-making and relevant costs; responsibility accounting; cost allocation; pricing techniques; transfer pricing; performance evaluation; operations research techniques; and contemporary management accounting issues such as activity based costing, value-added management, just-in-time systems, total quality management and strategic management accounting.

**Courses:** BS89, GS30, GS31, GS38, GS85, GS86

**Prerequisites:** PG only; plus AYN414

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► AYN442 SUPERANNUATION

Government retirement income policy; an evaluation of superannuation; inquiries into superannuation; taxation of superannuation; types of plans and their advantages and disadvantages; Australia's superannuation regulatory system; critical evaluation of same; accounting for superannuation plans and employee entitlements; audit of superannuation plans; critical evaluation of same; performance evaluation of superannuation plans; contemporary issues in superannuation.

**Courses:** BS70, BS94 **Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► AYN443 ELECTRONIC COMMERCE CYCLES

This unit provides an examination of the concepts, processes and issues relevant to computerised accounting systems including accounting information systems; internal controls; design and development of computerised accounting systems including general ledger and reporting cycle, revenue cycle, expenditure cycle, payroll cycle and production cycle; computer fraud, security and crime; accessing accounting information; and accounting in an electronic environment. Practical application of these concepts is enhanced by the use of accounting software such as MYOB, spreadsheet software such as Excel, database software such as Access and interactive multimedia software such as Accounting Information Systems Cycles.

**Courses:** BS89, GS30, GS31, GS38, GS85, GS86

**Prerequisites:** PG only; plus AYN416 or GSN404

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AYB221, AYN303, AYN402

**Campus offered:** GP **Semester:** 2

### ► AYN445 GOODS AND SERVICES TAX

Introduction to the statutory framework of the Australian Goods and Services Tax (GST) system; elements in the determination of taxable supplies, creditable acquisitions; analysis of GST-free supplies and input taxed supplies, consideration of transitional issues and the adminis-

trative framework for the implementation of the GST.

**Courses:** BS70, BS94

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► AYN446 THE LAW OF E-COMMERCE

This unit introduces students with no formal studies in law to legal issues associated with electronic business ('e-business'), in particular electronic commerce. Key legal issues in e-business are identified and broad legal principles are applied to e-business situations. The ways in which compliance programs can be used to manage legal issues in e-businesses are discussed. Legal, jurisdictional and enforcement issues that arise with international e-business transactions are also considered.

**Courses:** BS70, BS94, GS30, GS31, GS38, GS85, GS86

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► AYN447 ISSUES IN ELECTRONIC COMMERCE

This unit is concerned with investigating and showing students how different organisations are accepting and using various Electronic Commerce (EC) applications. Accordingly, students will visit sites on the Internet to ascertain what EC application the sites are using and why. Students will be exposed to a business cost-benefit decision-making framework. Students will be shown how this framework explains why different organisations might make use of different EC applications.

**Courses:** BS70, BS94 **Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► AYN448 MANAGEMENT OF ELECTRONIC BUSINESS PROCESSES

This unit is concerned with managing the information technology and telecommunications functions within a modern organisation. The focus is predominately on the management, political, and business issues and problems underlying the use of high technology in modern organisations. Through much of the discussion and case analysis, the point of view of the senior executive responsible for IT and T in the organisation will be assumed. In this way, students will gain an understanding of the issues and problems uniquely involved in managing IT and T in modern organisations. Such exposure will be useful to student who may find themselves having to deal with IT and T senior executives in firms.

**Courses:** BS70, BS94, GS30, GS31, GS38, GS85, GS86

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► AYN449 ENTERPRISE SYSTEMS A

The nature of enterprise resource planning systems (ERP), advanced study of accounting information system cycles linking concepts to the SAP R/3 FI - Financial Accounting Module functionality, general ledger accounting, subledger accounts, accounts receivable and accounts payable, authorisations for the FI Module, customising the FI Module, integration with other modules.

**Courses:** BS70, BS94 **Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► AYN450 ENTERPRISE SYSTEMS B

Advanced study of accounting information system cycles linking concepts to the SAP R/3 CO - Controlling Module, cost centre accounting, internal order accounting, customising the CO Module, integration with other modules.

**Courses:** BS70, BS94

**Prerequisites:** PG only, Prior studies in accounting

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► AYN505 ACCOUNTING HONOURS - A

This unit covers certain types of empirical and analytic accounting research. It examines theo-

## UNIT SYNOPSES

retical empirical research into accounting information utilisation both within the firm and as prepared for external stakeholders. This leads into an application of the theory of the firm to gain an understanding of the role that accounting and auditing play, in contracting and governance processes. Specific topics that may be covered include; transaction cost economics; accounting aspects of corporate governance; behavioural research in auditing; risk evaluation and internal control assessment.

**Courses:** BS63, BS70, BS94

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

### ► AYN506 ACCOUNTING HONOURS - B

This unit prepares students for a world of unstructured problem-solving and develops skills in managerial decision-making by the use of current research articles and case studies. The unit commences with an overview of the nature of organisations and the potential for human behaviour to impede the achievement of organisational objectives. Organisation issues examined to ascertain how managers can design organisations to motivate individuals to make choices to increase firm value include; the management of control systems; performance evaluation and compensation incentives; decision-making in regard to cost, profit and investment centres; transfer pricing and international transfer pricing disputes. New management accounting practices, including activity, based costing, the balanced scorecard, and economic value added, are evaluated, using the latest research, as techniques for adding value to the firms.

**Courses:** BS63, BS70, BS92, BS94

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

### ► AYN507 BUSINESS LAW HONOURS

This unit examines the law governing the operation of capital markets in Australia. In particular, it examines the theoretical and policy bases for Australian capital markets' law and makes extensive use of law and economics' literature. The extent to which efficiency, investor protection and public interest concepts are balanced in the law is also considered.

**Courses:** BS63, BS70, BS94

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

### ► BNB007 PROFESSIONAL STUDIES 1

The unit seeks to introduce students to the concept of professionalism and core components of professional practice; social responsibility, personal (interpersonal and cross cultural) responsibility; environmental; engineering writing; technical presentation; graphics and generic computing skills. The unit provides opportunities to apply understanding to case study scenarios and develop problem based learning skills. It focuses on the roles and responsibilities of engineers and specifically, the engineer as communicator, collaborator and negotiator, in changing national and international contexts.

**Courses:** CE33, CE44, CE45, EE41, EE42, EE48, ME40, ME41, ME42, IF21, IF50, IF59, EE46, EE47

**Contact hours:** 7 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### BSB110 ACCOUNTING

Accounting data is the basis for decision making in any organisation. Accordingly, the aim of this unit is to provide you with some basic knowledge of modern financial and managerial accounting theory and practice so that you can understand how accounting data is used to help make decisions in organisations. The unit covers financial procedures and reporting for business entities; analysis and interpretation of financial statements; planning, control and business decision making.

**Courses:** BS50, BS56, ED23, ED50, IF26, IF37, IF41, IF52, IF54, IF56, IF60, IF72, IT20, PU40

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AYB100, AYB110, AYB105, AC3013, ACB110, AC3000, ACB111

**Campus offered:** GP, CA **Semester:** 1, 2

### ► BSB111 BUSINESS LAW AND ETHICS

This unit integrates the concepts and principles of business law with the theories and applications of business ethics. The unit makes extensive use of cases in law and ethics to develop knowledge and skills which enable students to analyse, apply and evaluate the legal principles and ethical decision-making processes relevant to modern business practice.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62, IF72

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP, CA **Semester:** 1, 2

### ► BSB113 ECONOMICS

Introduces students to the key economic concepts and their practical applications. It comprises twelve topics each focusing on a current economic issue. These issues relate to the economics of the standard of living, inflation and unemployment, money and banking, saving and investment, the balance of payments and international trade, and microeconomic behaviour and reform.

**Courses:** BS56, ED50, IF26, IF28, IF30, IF37, IF41, IF47, IF48, IF56, IF60, IF61, IF62, IF72

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** EPB116 and EPB172, EPB140 and EPB150

**Campus offered:** GP, CC **Semester:** 1, 2

### ► BSB114 GOVERNMENT, BUSINESS AND SOCIETY

Provides a basic grounding in the principles, institutions and functions of government, and their interactions with business and society. Its principal focus is the structure and key features of Australia's constitutional and government framework including the judicial and administrative processes, especially as they affect business. Students also will develop a comparative appreciation of the principles, institutional arrangements and practices of contemporary government in a global context. This will include consideration of law-making and policy processes and the impact of the changing national and international environment.

**Courses:** BS50, BS56, IF26, IF28, IF30, IF37, IF41, IF47, IF48, IF56, IF60, IF62, IF72

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** EPB124, MNB181, AD3049

**Campus offered:** GP, CA **Semester:** 1, 2, 3

### ► BSB115 MANAGEMENT, PEOPLE AND ORGANISATIONS

This unit provides a basic grounding in the principles, institutions and processes of government. It provides a context for understanding the social and political environment in which business operates both internationally and in Australia. The unit links theory to practice through current events of business, government and society. Students are provided with a comparative dimension of the interactions and relationships between government, business and society, as a means of understanding the international political and social environment.

**Courses:** BS50, BS56, ED50, IF26, IF28, IF30, IF37, IF41, IF47, IF48, IF56, IF60, IF61, IF62, IF72, IT20, LS50, ME36, PU40

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** BSB102, MNB351, MNB412, AD3048

**Campus offered:** GP, CA **Semester:** 1, 2, 3

### ► BSB119 INTERNATIONAL AND ELECTRONIC BUSINESS

This unit integrates two rapidly expanding areas of business studies, international business and ebusiness. Doing business across international borders is facilitated by ebusiness technologies. This unit explores the nature and models of international business and ebusiness, how ebusiness technologies facilitate international business and add value to the business. It develops the skills and understanding to identify and respond to the opportunities, challenges and risks of conducting business across politically, economically and culturally diverse country environments.

**Courses:** BS56, IF05, IF09, IF27, IF30, IF37, IF41, IF47, IF48, IF60, IF61, IF62, IF72

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP, CC **Semester:** 1, 2, 3

### ► BSB122 BUSINESS INFORMATION ANALYSIS AND COMMUNICATION

This unit is designed to introduce students to the need for gathering business information and the techniques involved in analysing and presenting that information to a relevant audience. Topics covered include business problem identification, research design, data collection, data analysis, and communication skills. In the context of business computing environments, students will also have hands-on experience using computer software for data analysis.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF37, IF41, IF47, IF48, IF60, IF72

**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** GP, CA **Semester:** 1, 2, 3

### ► BSB126 MARKETING

This introductory subject examines the role and importance of marketing to the contemporary organisation. Emphasis will be given to understanding the basic principles and practices of marketing such as the marketing concept, market segmentation, management information systems and consumer behaviour. The unit will explore the various elements of the marketing mix, with special reference to product, price, distribution, promotion, including advertising and public relations. By way of introduction only, key issues relating to services marketing, e-marketing and strategic marketing will also be canvassed.

**Courses:** BS56, IF05, IF09, IF27, IF30, IF37, IF41, IF47, IF48, IF60, IF61, IF62, IF72

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** BSB116

**Campus offered:** GP, CA **Semester:** 1, 2

### ► BSB212 ELECTRONIC BUSINESS APPLICATIONS

Looks at the ways in which organisations adopt and use various Electronic Business applications in areas of e-commerce, business-to-consumer, business-to-business and intra-business relations. Business models and their impact in various industries are analysed, enabling students to assess the underlying business case, and determine the model's viability in a competitive environment. Applications of Electronic Business to areas such as marketing and advertising are introduced.

**Courses:** BS56, IF26, IF28, IF30, IF37, IF41, IF47, IF48, IF57, IF60, IF62, IF72

**Prerequisites:** BSB112 or BSB119 or equivalent

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AYB333

**Campus offered:** GP **Semester:** 1

### ► BSB213 LEGAL ISSUES IN ELECTRONIC BUSINESS

This unit introduces students with no formal studies in law to legal issues associated with electronic business. Key legal issues in e-business are identified and broad legal principles are applied to e-business situations. The ways in which compliance programs can be used to manage legal issues in e-businesses are discussed. Legal, jurisdictional and enforcement issues that arise with international e-business transactions are also considered.

**Courses:** BS56, IF26, IF28, IF30, IF37, IF41, IF47, IF48, IF57, IF60, IF62, IF72

**Prerequisites:** BSB112 or BSB119 or 96 credit points of approved study

**Contact hours:** 3 per week **Credit Points:** 12  
**Incompatible with:** AYB120, AYB332

**Campus offered:** GP **Semester:** 2

### ► BSB310 BUSINESS AND BIOTECHNOLOGY

This unit develops business skills that will enhance the ability of those operating within Biotechnology firms to capitalise on their research and development efforts. In essence this unit provides the skills-based mechanisms to develop graduates who are effective catalysts in recognising, developing and commercialising opportunities in Biotechnology.

**Courses:** LS50 **Prerequisites:** MGB218

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

## UNIT SYNOPSES

### ► BSB311 RESEARCH, DEVELOPMENT AND COMMERCIALISATION STRATEGIES

Students will study strategies and approaches used in industry and government organisations for the research, development and commercialisation of biotechnology innovations. The unit offers the opportunity to read widely as well as in depth about the commercialisation of molecular biology and biotechnology research and theoretical concepts are integrated with prepared case studies prior to guest speaker seminars.

**Courses:** LS50 **Prerequisites:** BSB310  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► BSB313 BUSINESS STRATEGY AND TECHNOLOGY

This unit introduces the conceptual tools needed to make strategic decisions, and for understanding complex system changes in the E-Business era. Critical assessment is made of the impact of new information technologies on business strategy. Issues such as surveillance, privacy, the erosion of community and unemployment are discussed, and implications for business are examined. The impact on business strategy, virtual networks, consumption, marketing and advertising are discussed.

**Courses:** BS56, IF26, IF28, IF30, IF37, IF41, IF47, IF48, IF57, IF60, IF62, IF72  
**Prerequisites:** BSB212 or AYB333  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► BSD110 ACCOUNTING

Provides a study of the basic accounting processes—financial and managerial; and an introduction to the interpretation of accounting information. This unit covers financial procedures and reporting for sole traders, partnerships and companies; analysis and interpretation of financial statements; planning, control and business decision-making.

**Courses:** BS40, IF06  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** BSB110  
**Campus offered:** KG **Semester:** 1, 2, 3

### ► BSD113 ECONOMICS

Introduces students to the key economic concepts in an intuitive and applied fashion. It comprises 12 modules each focusing on a current economic issue. These issues relate to the economics of the environment, the standard of living, inflation and unemployment, money and banking, saving and investment, international trade, the business cycle and stabilisation policy.

**Courses:** BS40, IF06  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** BSB113  
**Campus offered:** KG **Semester:** 1, 2, 3

### ► BSD114 GOVERNMENT, BUSINESS AND SOCIETY

Provides a basic grounding in the principles, institutions and functions of government, and how they interact with business and society. Its principal focus is the structure and key features of Australia's constitutional and governmental framework including the judicial and administrative processes, especially as they affect business. Students will also develop a comparative appreciation of the principles, institutional arrangements and practices of contemporary government in a global context. This unit includes law-making, policy processes, the impact of a changing national and international environment, and relationships between government, business and society.

**Courses:** BS40, IF06  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** BSB114  
**Campus offered:** KG **Semester:** 1, 2, 3

### ► BSD115 MANAGEMENT, PEOPLE AND ORGANISATIONS

Provides an introduction to the theories and practice of management and organisations. Emphasis is on the conceptual and people skills that will be needed at all levels of management and in all areas of organisational life. The unit acknowledges that organisations exist in an increasingly international environment where the emphasis

will be on information, the ability to learn, to change and to innovate. Organisations are viewed from individual, group, corporate and external environmental perspectives.

**Courses:** BS40, IF06  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** BSB115  
**Campus offered:** KG **Semester:** 1, 2, 3

### ► BSD119 INTERNATIONAL AND ELECTRONIC BUSINESS

Integrates two rapidly expanding areas of business studies, international business and ebusiness. Doing business across international borders is facilitated by ebusiness technologies. This unit explores the nature and models of international business and ebusiness, how ebusiness technologies facilitate international business and add value to the business. It develops the skills and understanding to identify and respond to the opportunities, challenges and risks of conducting business across politically, economically and culturally diverse country environments.

**Courses:** BS40, IF06  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** BSB119  
**Campus offered:** KG **Semester:** 1, 2, 3

### ► BSD126 MARKETING

Introductory unit which examines the role and importance of marketing to the contemporary organisation. Emphasis will be given to understanding the basic principles and practices of marketing such as the marketing concept, market segmentation, management information systems and consumer behaviour. The unit will explore the various elements of the marketing mix, with special reference to product, price, distribution, promotion including advertising and public relations. By way of introduction only, key issues relating to services marketing, e-marketing and strategic marketing will also be canvassed.

**Courses:** BS40, IF06  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** BSB126  
**Campus offered:** KG **Semester:** 1, 2, 3

### ► BSN404 PROJECT 1

Designed to permit the student to undertake a research project, subject to the approval of the Course Coordinator.

**Courses:** BS30, BS91, BS93, BS94, BS98  
**Prerequisites:** PG only  
**Credit points:** 12  
**Incompatible with:** MKN101, MKN102, MKN103  
**Campus offered:** GP **Semester:** 1, 2, 3

### ► BSN405 PROJECT 2

Designed to permit the student to undertake a research project, subject to the approval of the Course Coordinator.

**Courses:** BS93, BS94 **Prerequisites:** PG only  
**Credit points:** 12  
**Incompatible with:** MKN101, MKN102, MKN104  
**Campus offered:** GP **Semester:** 1, 2, 3

### ► BSN406 PROJECT

Students undertake a detailed examination of a theoretical or empirical problem in one of the disciplines of advertising, marketing, public relations, or integrated marketing communication. The study is based on the published journal literature of the discipline and can involve primary research and analysis. Students can develop a short empirical research study, refine a theoretical problem develop a communication audit of an organisation or develop a case study related to an organisation or product. Project supervision will be arranged by the Unit Coordinator through consultation with the student and available staff members.

**Courses:** BS88, BS93  
**Prerequisites:** PG only; plus 96 credit points of approved prior study  
**Credit points:** 24 **Incompatible with:** CON405  
**Campus offered:** GP **Semester:** 1, 2, 3

### ► BSN409 RESEARCH PROJECT

A major piece of applied research. The research project provides the opportunity to apply and reinforce the education and knowledge gained from the course by research report, case study or

application of technology. The final project must demonstrate an ability to identify and research a complex business problem in accounting, banking and finance, business and taxation law, electronic business or related discipline.

**Courses:** BS94  
**Prerequisites:** PG only; plus BSN506 or BSN507  
**Credit points:** 24  
**Campus offered:** GP **Semester:** 2

### ► BSN411 PROJECT

Students undertake an in-depth independent investigation of the efficacy of deployment practices in an organisation or across organisations. The aim of the unit is for students to integrate course work via an analysis of the practical application of quality in a real world situation. Project reports will be data based and soundly based on relevant literature.

**Courses:** BS93  
**Prerequisites:** PG only **Credit points:** 24  
**Incompatible with:** BSN150, BSN149, BSN410  
**Campus offered:** GP **Semester:** 1, 2, 3

### ► BSN412 QUALITATIVE RESEARCH AND ANALYTICAL TECHNIQUES

This unit provides a detailed overview of qualitative research to support decision-making in business disciplines. The primary purpose of the unit is to develop a detailed understanding of the theoretical contexts in which qualitative research has developed and the techniques that define its use. Areas of study include research paradigms, problem identification, research design, qualitative research proposals and results. The unit also provides and exploration of analytical practices associated with data-mining as a method of gathering information from database resources and data warehouses to support decision-making for integrated marketing communication.

**Courses:** BS63, BS88, BS92, BS93, BS95  
**Prerequisites:** PG only  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** CON500  
**Campus offered:** GP **Semester:** 1, 2

### ► BSN501 DISSERTATION

Students undertake a study of an issue as the culmination of their honours program. The dissertation must have a well-developed conceptual foundation and include a primary research component.

**Courses:** BS63  
**Prerequisites:** PG only **Credit points:** 48  
**Campus offered:** GP **Semester:** 1, 2

### BSN502 RESEARCH METHODOLOGY

The purpose of this study is to provide students with a range of ideas and methods that will enable them to analyse, evaluate and conduct research in discipline areas related to business. It provides an essential and basic preparation for the development of a thesis or dissertation proposal. Areas of study include: research paradigms; analysis and criticism; research design; data collection; data manipulation and interpretation and presentation.

**Courses:** BS63, BS92  
**Prerequisites:** PG only  
**Contact hours:** Flexible Mode  
**Credit points:** 12  
**Incompatible with:** BSB400  
**Campus offered:** GP **Semester:** 1

### ► BSN503 RESEARCH SEMINAR

The aim of this unit is for the student to prepare a detailed review of the literature relevant to the thesis or dissertation proposal. Students will be required to prepare and present a detailed seminar paper describing and explaining the results of their review, and its relevance to the thesis or dissertation proposal. The unit is structured into two parts: the first provides a series of lectures from staff advising as to the requirements of a thorough, well-directed literature search and review; the second consists of a series of seminars from students presenting their findings.

**Courses:** BS63, BS92 **Prerequisites:** PG only  
**Contact hours:** Flexible Mode **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

## UNIT SYNOPSES

### ► BSN506 ECONOMETRIC METHODS

This unit provides a comprehensive grounding in the econometric methods necessary for conducting research using such methods and for understanding recent contributions to the econometric literature

**Courses:** GS30, GS31, GS38, GS85, GS86  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** BSN500  
**Campus offered:** GP **Semester:** 1

### ► BSN507 RESEARCH METHODS

The subject provides an introduction to the methodology of social research. The unit begins with a consideration of some different views from the philosophy of science about what constitutes the appropriate way to do social research. This part of the unit includes some common sense issues about how to conduct practical research projects. The unit then focuses on quantitative research methods. Questions of design, measurement, techniques and analysis are covered. Qualitative research issues are considered next, focusing on their counterparts in quantitative research, ie design, technique and analysis. Finally the unit closes with coverage of some ethical and political issues in social research.

**Courses:** BS63, BS70, BS92, BS93, BS94, BS95, IF49  
**Prerequisites:** PG only  
**Contact hours:** 3 per week **Credit Points:** 12  
**Incompatible with:** AYN102, BSN500  
**Campus offered:** GP **Semester:** 1

### ► BSN600 THESIS

This is the major component of a research Masters and consists of a substantial study of an applied or theoretical issue. Students are expected to present a seminar each semester on their progress to date and, in the final semester, on the outcomes of their study. The thesis is expected to have a sound conceptual and theoretical foundation for the exploration of a significant communication topic using primary research data. The thesis report should be of approximately 50 000 words.

**Courses:** BS92  
**Prerequisites:** PG only **Credit points:** 96  
**Campus offered:** GP **Semester:** 1, 2, 3

### ► CEB109 ENGINEERING MECHANICS 1

Introduction to statics, forces, moments and couples; resolution and resultant of forces acting on a particle or rigid body; equilibrium of particle or rigid body under forces and/or moments; analytical methods for plane truss analysis; shear force and bending moment in beams; the properties of sections. Dynamics (for electrical engineering students).

**Courses:** CE44, CE45, CE46, EE41, EE42, EE44, EE45, EE48, ME36, ME40, ME41, ME42, ME43, ME45, ME48  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1, 2

### ► CEB110 ENGINEERING MECHANICS 2

Principles of structural mechanics, stress, strain and elasticity; second moment of area; indeterminate structures and compatibility; simple beam theory including the flexure formula and the shear stress formula; shear force and bending moment diagrams; hydrostatics, stress and strain transformation, Mohr circle beam deflections (virtual work), geomechanics applications of 2D stresses, buckling.

**Courses:** CE44, CE45, CE46  
**Prerequisites:** CEB109  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2, 3

### ► CEB207 PROFESSIONAL STUDIES 2

The delivery of the unit will be centred on an initial problem statement. Students will develop and define the problem statement and be encouraged to develop their own creative solutions through the semester. This will introduce students to many aspects of project work and prepare them for their professional lives. The development of student projects will be facilitated by the introduction of some technical material including: Architectural and project issues; including aesthetics, fitness for purpose, constructability. Geotechnical: site investigation, earthworks and compaction, and soils classifica-

tion. Structural: structural design, origin of loads, load paths, load factors, capacity reduction factors, time dependent loads, structural capacity and stability, rules of thumb will be used for sizing detailing. Strength of materials: basic characteristics of structural timber, material selection. Surveying: basic surveying principles will occupy 12 hours of class time.

**Courses:** CE44, CE45, CE46  
**Prerequisites:** CEB110, BNB007  
**Contact hours:** 5 per week **Credit Points:** 12  
**Campus offered:** GP **Semester:** 1

### ► CEB208 MATERIALS SCIENCE

The unit provides students with a sound and practical approach to material properties and selection so that they may adapt to scientific and technological changes in the variety of products entering the market. They will understand where the engineer fits in a quality assurance program and be aware of the numerous components of quality assurance and the costs generated by quality control and assurance. They will obtain an awareness of the effect of the working environment on different engineering materials. Among other things they will study the behaviour of concrete from the time it is manufactured to the end of its life, develop knowledge of the parameters involved in manufacturing good, and the consequences of delivering poor concrete.

**Courses:** CE44, CE45, CE35  
**Prerequisites:** MMB131  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

### ► CEB209 GEOTECHNICAL ENGINEERING 1

Soil mechanics is a part of geotechnical engineering, soil types, their description, classification and engineering properties. Granular and cohesive soil classification systems. Volume and mass components, density and air voids. Determination of soil geostatic vertical pressures, pore water pressures and effective stress; permeability theory and fluid seepage in soil, with erosion and piping analysis. Soil shear strength assessment and application to retaining wall lateral pressures, retaining wall design, slope stability analysis and stabilisation. Computer simulation and analysis programs used where appropriate.

**Courses:** CE44, CE45, CE35  
**Prerequisites:** CEB110 **Corequisites:** CEB207  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1, 3

### ► CEB213 ENVIRONMENTAL SCIENCE

This unit is designed to provide students with the fundamental understanding of how the earth's physical and environmental systems normally function and the challenges imposed on the environment as a result of human activity. This understanding is developed through the study of relevant principles of physical geology, ecology, chemistry, microbiology, energy, resources, pollution, and the interaction among population, resources and the environment. The unit also prepares students to undertake further studies in civil and environmental engineering.

**Courses:** CE44, CE45, CE46, CE35  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

### ► CEB214 PROFESSIONAL STUDIES 3

The knowledge and skills associated with assessing, investigating, and managing the economic, social and environmental impacts of developmental projects are essential for today's civil and environmental engineers. So too is an appreciation of the skills needed to work with and communicate with interdisciplinary teams to develop balanced solutions to environmental problems associated with development. This unit of the Professional Studies strand develops students' capabilities to practice in a civil engineering project environment.

**Courses:** CE44, CE45, CE35  
**Prerequisites:** CEB207, CEB213  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► CEB215 STRUCTURAL ENGINEERING 1

Most structures found in practice are statically indeterminate and they need to be analysed in

order to design them. The method of moment distribution, which is a simple hand calculation method, will be developed and applied for analysing statically indeterminate structures such as continuous beams and simple frames. Effects of moving loads on structures such as bridges and crane girders are important in their design. The study of influence line diagrams will be directed towards this end and this will be extended and applied to establish 'pattern loads' in statically indeterminate structures. Reinforced concrete is a common and popular material used in construction. This unit deals with the fundamentals of reinforced concrete analysis and design and its behaviour in bending, shear and carrying axial loads. Analysis and design of beams, slabs and columns will be treated.

**Courses:** CE44, CE45, CE46, CE35  
**Prerequisites:** CEB207, CEB208, CEB110  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► CEB216 PROJECT ENGINEERING 1

The unit commences with the development of the construction techniques common to site investigation, earthworks, pile driving, deep foundations, reinforced and pre-stressed concrete and steel erection. This operational understanding is extended into a study of the practices used to estimate cost and to administer contracts, including planning and legal implications of operating in a commercial environment. The unit concludes with the issues surrounding the uncertainty of weather and of operating in remote environs.

**Courses:** CE44, CE45  
**Prerequisites:** CEB208, CEB207  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► CEB217 HYDRAULIC ENGINEERING 1

Units and Properties of Fluids; Pressure and Pressure Measurement; Forces in Static Fluids, Buoyancy and Accelerating Fluids; Kinematics, Continuity and Flow Nets; The Energy Equation; The Momentum Equation; Experimental Fluid Mechanics; Lift and Drag; Fluid Flow in Pipes and the Application of Pipe Resistance Formulae; Fitting Losses; Pipes in Series and Parallel; Pipe Network Analysis; Hydraulic Analysis of Pump and Pipe Systems; Pump Types, Characteristics and Selection.

**Courses:** CE44, CE45, CE46, CE35  
**Prerequisites:** CEB109, MAB131  
**Contact hours:** 4 per week **Credit points:** 12  
**Semester:** 2, 3

### ► CEB218 GEOTECHNICAL ENGINEERING 1A

Soil mechanics is a part of geotechnical engineering, soil types, their description, classification and engineering properties. Granular and cohesive soil classification systems. Volume and mass components, density and air voids. Determination of soil geostatic vertical pressures, pore water pressures and effective stress; permeability theory and fluid seepage in soil, with erosion and piping analysis. Soil shear strength assessment and application to retaining wall lateral pressures, retaining wall design, slope stability analysis and stabilisation. Computer simulation and analysis programs used where appropriate.

**Courses:** CE44, CE45, CE35  
**Prerequisites:** CEB110  
**Corequisites:** CEB207  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1, 3

### ► CEB219 STRUCTURAL ENGINEERING 1A

Most structures found in practice are statically indeterminate and they need to be analysed in order to design them. The method of moment distribution, which is a simple hand calculation method, will be developed and applied for analysing statically indeterminate structures such as continuous beams and simple frames. Effects of moving loads on structures such as bridges and crane girders are important in their design. The study of influence line diagrams will be directed towards this end and this will be extended and applied to establish 'pattern loads' in statically indeterminate structures. Reinforced concrete is a

## UNIT SYNOPSES

common and popular material used in construction. This unit deals with the fundamentals of reinforced concrete analysis and design and its behaviour in bending, shear and carrying axial loads. Analysis and design of beams, slabs and columns will be treated.

**Courses:** CE35, CE44, CE45, CE46

**Prerequisites:** CEB207, CEB208, CEB110

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► CEB222 HYDRAULIC ENGINEERING 1A

Units and Properties of Fluids; Pressure and Pressure Measurement; Forces in Static Fluids, Buoyancy and Accelerating Fluids; Kinematics, Continuity and Flow Nets; The Energy Equation; The Momentum Equation; Experimental Fluid Mechanics; Lift and Drag; Fluid Flow in Pipes and the Application of Pipe Resistance Formulae; Fitting Losses; Pipes in Series and Parallel; Pipe Network Analysis; Hydraulic Analysis of Pump and Pipe Systems; Pump Types, Characteristics and Selection.

**Courses:** CE35, CE44, CE45, CE46

**Prerequisites:** CEB109, MAB131

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2, 3

### ► CEB230 ENGINEERING MATERIALS AND THE ENVIRONMENT

This unit will provide the information about engineering materials required before they are applied in the design context. The course begins with an in depth presentation of the material properties and their application of civil engineering projects. An engineer requires in-depth knowledge of the concepts and principles involved but also the ability to apply them in real life. An emphasis on environmental implication will be discussed as part of the requirements.

**Courses:** CE46

**Prerequisites:** MMB131

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► CEB232 GEOTECHNICAL ENGINEERING 1 AND THE ENVIRONMENT

Geomechanics (soil mechanics & rock mechanics) and their application to geotechnical engineering is one of the most important areas of study for civil engineers. It is concerned with the use of soil and/or rock as an engineering material and includes a wide range of activities such as: site investigation and design for building, bridge and other foundations; materials selection, design and construction control for dams, road pavements and embankments; landslide stabilisation and tunnel excavation and support. The course will emphasise environmental issues such as acid sulfate soils and their effects on geotechnical designs, landfill leachate control and how they impact on the design of landfills.

**Courses:** CE46

**Prerequisites:** CEB110

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► CEB233 ENVIRONMENTAL PROFESSIONAL STUDIES 3 (IMPACTS OF PROJECTS AND SUSTAINABLE DEVELOPMENT)

The knowledge and skills associated with assessing, investigating, and managing the social and environmental impacts of developmental projects are essential for today's civil and environmental engineers. Environmental engineers need to be trained to conduct and manage investigative studies related to assessing air, water, soil, and noise pollution, and to understand and address the social implications. They also need the breadth of studies required to work with and communicate with interdisciplinary teams designing balanced solutions to environmental problems associated with development.

**Courses:** CE46

**Prerequisites:** CEB213

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► CEB259 ENGINEERING DESIGN FOR LAND DEVELOPMENT

This unit introduces the student to the basic civil engineering design processes and procedures associated with the development of subdivided urban/rural land for residential, industrial or

commercial purposes. The unit covers : (1) Sub-divisional road design types, hierarchy, longitudinal and cross sections, earthworks; (2) Stormwater design basic urban hydrology, catchment properties, Rational Formula, pipe/gully parameters, pipe and open channel flows; (3) Water reticulation system features; (4) Sewer reticulation system features and basic design procedures. Modern trends in the above (including sustainability considerations) together with the general construction procedures and basic costings will be introduced.

**Courses:** PS47, PS48

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► CEB292 INDUSTRIAL EXPERIENCE 2

Students should engage in at least five weeks employment, approved by the Head of School. For details see the School's Industrial Experience Handbook.

**Courses:** CE42, CE43, IF42

**Contact hours:** 5 weeks

### ► CEB317 PROFESSIONAL STUDIES 4

Civil engineers as professionals are responsible for the delivery of major transport infrastructure items through the stages of inception, planning, design, development, maintenance and management. The purpose of such projects is to improve the quality of life of the community by offering safe and efficient access to activity locations and mobility between locations. In delivering such infrastructure it is imperative that social, economic, and environmental impacts and benefits are considered and addressed. This unit offers students an opportunity to explore the role of the civil engineer in the preparation of a feasibility design study for a road as a major transport infrastructure item.

**Courses:** CE44, CE45, CE46

**Prerequisites:** CEB207, CEB214, BNB007

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► CEB318 STRUCTURAL ENGINEERING 2

Limit states design of steel structures, buckling and ultimate strength behaviour of steel structures, tension members, compression members, local and global buckling (flexural and flexural torsional buckling modes) concepts as applied to compression members and beams, effective lengths of compression members and beams, design of beams, effect of lateral restraints on buckling, web stresses including web crippling and buckling, beam-columns, bolted and welded connections, asymmetric bending of beams including principal second moments of area, Shear stresses in beams of thin-walled open cross-sections and their shear centres. Most cold-formed steel sections are unsymmetrical and hence the latter topics are useful in steel design.

**Courses:** CE44, CE45

**Prerequisites:** CEB207, CEB110

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► CEB319 WATER ENGINEERING

The main topics to be covered in this unit are: the hydrologic cycle and its application to the estimation of runoff from small catchments; probability and risk and the selection of design floods; hydrologic data; estimation of peak runoff using the Rational Formula; estimation of runoff hydrographs using rainfall-runoff routing models; the hydraulic characteristics of open channels, uniform flow, gradually varied flow and rapidly varied flow; the hydraulic characteristics of culverts and retention basins; and the operation of urban drainage systems.

**Courses:** CE44, CE45, CE46

**Prerequisites:** CEB217

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► CEB320 PROFESSIONAL STUDIES 5 (STEEL AND CONCRETE STRUCTURE DESIGN)

The analysis and design of steel and concrete structures is central to much of Civil Engineering. This unit will build on material covered in the structural engineering subjects and apply these principles to typical whole-of-building de-

sign projects on steel and concrete structures. Students will develop additional technical skills in structural design, and enhance their understanding of the context in which structural design occurs. This unit of the Professional Studies strand will further students' professional capabilities, with emphasis on professional responsibility, independent learning, and commercial skills.

**Courses:** CE44, CE45

**Prerequisites:** CEB317, CEB215, CEB318, CEB207

**Contact hours:** 6 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► CEB321 WATER AND WASTEWATER TREATMENT

The provision of safe, wholesome and adequate supply of water and the proper treatment, disposal, and reuse of wastewater are essential for protecting human health and well-being. Water and wastewater treatment are required for the control of water-borne diseases and the provision of proper sanitation for urban, rural, and recreational areas. Water and wastewater treatment engineering is a major field of civil and environmental engineering and is manifested by sound principles and practice in terms of solving sanitation problems.

**Courses:** CE44, CE45, CE46

**Prerequisites:** CEB213, CEB217

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► CEB322 GEOTECHNICAL ENGINEERING 2

Further study on the behaviour of soil and rocks. Determination of subsurface pressures from surface loadings. Soil settlement including time related clay consolidation settlement and immediate settlements on sand and clay as related to shallow foundations. Assessment of bearing capacity and allowable bearing pressures under shallow foundations. Pile foundation systems and analysis for capacity and settlement. Rock mass behaviour, classification and joint shear strength applied to slope stability assessment and stabilisation measures.

**Courses:** CE44, CE45, CE46

**Prerequisites:** CEB209

**Contact hours:** 5 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► CEB323 TRANSPORT ENGINEERING 1

The transport system is an essential part of our physical infrastructure. It is imperative that civil engineers are able to undertake typical road and traffic engineering investigations, analysis and designs. This requires an understanding of the intent of individual road system elements, how they operate, and how they are delivered and managed, which will be developed in this unit. Further, it is important that civil engineers are able to undertake multi-modal transport surveys to gain an understanding of the operation of a particular transport system.

**Courses:** CE44, CE45 **Prerequisites:** CEB317

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► CEB328 INVESTIGATION PROJECT

This unit gives the student the opportunity to gather a body of information relating to a selected topic from the available literature, and to reach conclusions by critical analysis of this material. The investigation may include analysis and experimental work. The results will be presented as a written report supported by a seminar presentation.

**Courses:** CE35

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1, 2

### ► CEB330 ENVIRONMENTAL MANAGEMENT FOR ENGINEERS

This unit provides the foundation for this learning. It is designed to help students identify and develop these skills. It focuses on the roles and responsibilities of the engineer and specifically, the engineer as a project manager. This may involve decision making to direct and manage environmental management aspects of a major project. This unit aims to help develop and encourage life long learning processes throughout their career as environmental engineers.



## UNIT SYNOPSES

**Courses:** CE46      **Prerequisites:** CEB233  
**Contact hours:** 4 per week      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 1

► **CEB409 PROFESSIONAL STUDIES 6 (CIVIL PROJECTS DESIGN)**

Major developments require input from a range of professions including civil engineers. This unit will develop the student's understanding of the role of the civil engineer within a development project, including the various technical activities undertaken overall project management, and an understanding of communities expectations. A major development project will be used as the basis for development of students' design skills with the sub-disciplines of civil works, environmental, transport, hydraulic and public health engineering. As part of the Professional Studies strand, this unit will develop students' professional capabilities through working in a team to produce engineering designs that integrate within the overall project according to a schedule.

**Courses:** CE44, CE45, CE46  
**Prerequisites:** CEB317, CEB319, CEB321, CEB322, CEB323  
**Contact hours:** 4 per week      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 1

► **CEB411 THESIS PROJECT A**

Thesis A is a written review report of the literature on an area of civil engineering practice where research and development has been undertaken and reported in the literature. Students will demonstrate skills in problem definition, work planning, critical analysis of the study material information retrieval and appropriate citation procedures. Report writing and seminar presentation is a major feature. Guided instruction and exercises will be given on information retrieval and bibliographic listing and citation.

**Courses:** CE44, CE45  
**Prerequisites:** Unit can only be taken by final year students  
**Credit points:** 12  
**Campus offered:** GP      **Semester:** 1, 2

► **CEB412 PROJECT ENGINEERING 2**

The unit builds on the understanding of the physical aspect of construction gained in Project Engineering 1 to develop the skills needed to manage a project. Further studies in estimating, contracts administration and cost control provide support for a major computer simulation exercise based on the construction management of a complex industrial project. This experiential component provides a framework for the exploration of issues in the legal, managerial and technical areas which form the basis for the professional presentations that conclude the unit.

**Courses:** CE44, CE45  
**Prerequisites:** CEB216, CEB317  
**Contact hours:** 4 per week      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 1

► **CEB413 STRUCTURAL ENGINEERING 3**

This final structural engineering unit is intended to equip structural engineers with a knowledge and capability in some of the important advanced structural engineering topics. Most structural analysis programs, such as Space Gas, or Microstas, are based on the stiffness method. This method will be developed and illustrated by application to some structures. Structures need to carry loads beyond their elastic limits and the maximum load bearing capacity of a structure and the failure mechanism under over-loads is required. Plastic analysis and the concept of plastic hinge will be introduced and applied. Many structures are subjected to dynamic loads. Basic structural dynamics will be introduced and some simple illustrative examples will be provided. Principles of earthquake engineering, aesthetics in bridge design, load paths in structures and approximate methods in the analysis of complex structures will be treated.

**Courses:** CE44, CE45  
**Prerequisites:** CEB215, CEB318  
**Contact hours:** 4 per week      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 2

► **CEB414 PROFESSIONAL STUDIES 7 (CAPSTONE PROJECT DESIGN)**

The planning, design and construction of major infrastructure projects are commonly managed by civil engineers and require input from a range of professions. This unit will develop the student's understanding of the role of the civil engineer in developing a feasibility study for a major infrastructure project, in context of the individual civil engineering sub disciplines and affiliated disciplines involved in delivering major infrastructure items. This unit provides the culmination of the civil engineering degree and thus will enable students to apply the capabilities they have developed in preceding sub-disciplinary theory and practice units, and in particular the professional capabilities developed through the Professional Studies backbone of the course. The unit will require students to work in a realistic team environment and interact with other professionals during the development of their project. As well as overall project management and investigation skills, the students will further develop their analytical, design and communication skills.

**Courses:** CE44, CE43, IF42  
**Prerequisites:** CEB409, CEB412  
**Credit points:** 12  
**Campus offered:** GP      **Semester:** 2

► **CEB415 THESIS PROJECT B**

Thesis B is an optional elective and extension of Thesis A (CEB411). Various avenues of investigation will have been identified from Thesis A and students will undertake a program of investigation which could have experimental, design and analysis aspects. A written report with critical analysis of results and conclusions is prepared, and a seminar presented.

**Courses:** CE44, CE43, IF50  
**Prerequisites:** Unit can only be taken by final year students.  
**Credit points:** 12  
**Campus offered:** GP      **Semester:** 1, 2

► **CEB416 ENVIRONMENTAL LAW AND ASSESSMENT**

The adverse consequences of human activity has resulted in the adoption of various international treaties, enactment of stringent legislative requirements, and a growing demand for improved management practices. Engineers need to be aware of the way in which the law works, be able to communicate with lawyers and to recognise the legal and political implications of their projects. An understanding of the local, state, and federal government power to regulate development, the legal and planning requirements and assessment procedures are essential for professional engineering practice.

**Courses:** CE44, CE43, IF50      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 1

► **CEB417 ENVIRONMENTAL PROFESSIONAL STUDIES**

Engineers can no longer overlook the social and environmental impacts of engineering design and practice. In today's and future professional engineering practice, engineers are required to consult with the community and deal with structured controversies involving the media, the wide community, special interest groups, and government and non-government organisations. The environmental engineering practice is multidisciplinary. Environmental engineers are required to work closely with professionals from many other disciplines and the community. As such, it is essential that engineers develop intuitive awareness of human factors in engineering projects and the skills to communicate with the community, the media, and other professionals.

**Courses:** CE44, CE43, IF42      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 2

► **CEB418 WASTE RESOURCE MANAGEMENT**

Management of solids and hazardous wastes generated from domestic, commercial, and industrial is concerned with: (1) protecting human health and the environment from actual and potential threats posed by the waste material; and optimisation of resource management. Wastes from such sources must be managed in an ecologically sustainable manner which requires waste minimisation; promotion of efficient use of resources; promotion the use of waste through recycling and energy production; viewing waste as a resource; reducing the mass, volume and toxicity of the waste; and if necessary disposing off the waste in a socially and environmentally acceptable manner. This approach is recognised internationally and involves a hierarchy of practices which are based on: waste avoidance which is the most favourable option; recycling; energy production; treatment; and disposal which is the least favourable option. Waste management is an important aspect of civil and environmental engineering education.

**Courses:** CE44, CE43, IF42      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 2

► **CEB419 ENVIRONMENTAL TRANSPORT & INFRASTRUCTURE MANAGEMENT**

The environmental engineer must be familiar with the role of each transport mode in the overall transport task, along with current issues associated with each mode. This must be overarched by an understanding of the system for planning and management of transport projects and systems, particularly in context with economic, environmental and social attributes. This final year core unit provides students who wish to pursue a career in environmental engineering with such an understanding in the above mentioned disciplines. The unit will also include case studies covering the environmental impacts for some of the urban and rural transport and infrastructure projects especially in the area of Community Consultation.

**Courses:** CE46  
**Prerequisites:** CEB214, CEB323  
**Contact hours:** 4 per week      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 2

► **CEB507 FINITE ELEMENT METHODS**

The Finite Element Method is easily the 20th century's answer for treating complex problems, which had hitherto remained impossible to solve, in several areas of engineering such as structural, geotechnical, hydraulic, electrical, heat conduction, etc. It is a powerful computer based procedure which is undergoing continuous development and improvement. For example the displacements and stresses in dams, deep beams with openings, shell structures, soil-anchors, etc, can only be obtained by finite element analysis. To use a finite element program engineers need to understand the basic theory and some of the important features of the method, such as engineering actions, modelling, choice of elements, boundary conditions, input data and interpretation of results. This unit aims in providing the necessary theory and modelling skills in order to use the finite element method effectively and to apply the method to problems in structural, geotechnical and water engineering.

**Courses:** CE44, CE45  
**Prerequisites:** CEB413      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 1

► **CEB508 TRANSPORT ENGINEERING 1**

This is a final year elective Unit to prepare students for a career in transportation engineering, as well as to provide them with an understanding of the analytical processes involved in urban transport planning. It covers all transport modes and places emphasis on the planning and evaluation of transport systems. The unit is designed to highlight the economic, environmental and social impacts of transportation projects. The unit complements CEB323 Transport Engineering 1, by dealing in-depth with urban transportation planning and evaluation.

**Courses:** CE44, CE45  
**Prerequisites:** CEB323      **Credit points:** 12  
**Campus offered:** GP      **Semester:** 1

► **CEB509 PROJECT MANAGEMENT AND ADMINISTRATION**

This unit provides a foundation of some of the issues relating to the management of construction projects from both practical and theoretical points of view. Topics relating to: Leadership and management of organisations and people; Planning of a project; Engaging of consultants,

## UNIT SYNOPSES

subcontractors and suppliers; Co-ordination of project activities; Cost control and claims; Legal and insurance issues; Information Technology issues; Written and verbal communication skills; Problem solving, and Managing and preventing disputes will be covered in the semester. Assessment will be practical and progressive during the semester, with a final examination.

**Courses:** CE44, CE43

**Prerequisites:** CEB216, CEB412

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► CEB513 ADVANCED CONSTRUCTION PRACTICE

Professional engineers generally work in a highly stressed commercial environment with competing pressures. A student in final year should be exposed to realistic experiences. This subject integrates what has already been taught in the specific civil engineering disciplines and requires the student to prepare and submit a commercial tender for a construction project. Teams of students competitively bid for the project. In addition, relevant legal and commercial issues associated with the tender and subsequent administration of the particular construction contract are covered so that the student appreciates the realities associated with a construction project.

**Courses:** CE44, CE45 **Prerequisites:** CEB216

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► CEB514 PROJECT CONTROL

Contemporary engineering demands that the practising engineer needs to master not only basic design and construction concepts but also a strong background in current management practices. Engineers, whether they are in construction, design or maintenance need to understand the effect that economic decisions made at federal and state level have on their organisations and to realise that everyone has a different leadership style that must be fitted into the organisations management structure. The subject is designed to provide an insight into the requirements, precepts and problems of project management of interdisciplinary projects.

**Courses:** CE44, CE45, **Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► CEB516 MASONRY DESIGN

A structural engineer must have the ability to analyse and design engineering components and systems which use masonry as load bearing and in-fill non-structural panels. This course develops a basic understanding of Masonry Technology and Design using the Australian Standard 3700. This unit will provide an understanding of the differences in the material properties of clay, concrete, calcium silicate bricks and blocks. This unit also provides an understanding of workmanship, site practices and construction details of masonry. Students will develop the design skills needed for the design of masonry walls, reinforced or un-reinforced and discuss the difference in design procedures for the different masonry materials.

**Courses:** CE42, CE43, IF42 **Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► CEB517 ADVANCED ENGINEERING STUDIES

This unit will provide an opportunity to learn how practicing engineers design cold-formed steel and composite structures, to develop an understanding of the design process and how it interacts with the fundamental knowledge of materials and structural analysis, to utilise advanced computer tools for analysis and design and to work as part of a design team present written reports. Students in groups of two will participate in Projects to analyse and design cold-formed steel and composite structures.

**Courses:** CE44 CE45 **Credit points:** 12

**Semester:** 1, 2

### ► CEB518 RIVER AND COASTAL ENGINEERING

Many civil engineers are involved in the analysis and design of engineering works in the river and coastal environment. An understanding of the physical processes taking place is also a funda-

mental requirement if engineers are to take an active role in the management of this dynamic environment. This unit will build on the fundamental principles of fluid behaviour covered in Hydraulic Engineering CEB217 and Water Engineering CEB319 and extend these principles to the river and coastal environment. It relies on a prior understanding of physics, mathematics and solid mechanics, and basic hydraulic engineering principles.

**Courses:** CE44, CE45

**Prerequisites:** CEB319

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► CEB522 GEOTECHNICAL ENGINEERING PRACTICE

The unit is concerned with the use of soil and/or rock as an engineering material and includes a wide range of activities such as: site investigation and design for building, bridge and other foundations; materials selection, design and construction control for dams, road pavements and embankments; landslide stabilisation and tunnel excavation and support. Following on from the work done in Geotechnical Engineering 1 and Geotechnical Engineering 2, this elective strengthens the understanding of geomechanics, and develops geotechnical investigation, design and construction skills. Three case studies will be undertaken, selected from soil reinforcements, lateral loading on piles, embankments on soft soil rockslope stabilisation, or house foundations on expansive soils.

**Courses:** CE44, CE45 **Prerequisites:** CEB322

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► CEB523 ENVIRONMENTAL GEOTECHNOLOGY

Graduates may work as part of a team investigating, designing and constructing solutions to waste containment and soil and groundwater pollution problems. This subject prepares them for this work by developing an understanding of the engineering concepts and processes and also by introducing them to specialist techniques, such as contaminant transport modelling, which will be used by more specialist members of these teams. It also prepares them for further post-graduate study in these specialist areas.

**Courses:** CE44, CE43, IF42

**Prerequisites:** CEB209, CEB213

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► CEB551 ADVANCED STRUCTURAL DESIGN

Emphasis on the design of more complex structures. Normally two projects are studied involving some or all of: design in new materials, new analytical techniques, new codes of practice, novel structures.

**Courses:** CE42, CE43, IF42

**Prerequisites:** CEB201, CEB306, CEB355,

CEB304, CEB406, CEB202

**Corequisites:** CEB405

**Credit points:** 8

### ► CEP 143 BIOLOGICAL TREATMENT PROCESSES

The design and operation of water and waste water treatment systems, focusing on conventional and advanced biological treatment processes. Current practice and development.

**Courses:** CE74, CE62, CE64

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► CEP011 RAILWAY BUSINESS AND ENGINEERING

The unit is offered entirely in distance education mode via the continuing professional development unit NRE001. The five modules cover: Railway Business (railway types and attributes, clients and needs, revenue sources, owner requirements, legislations, competition policy, strengths and weaknesses, organisational structures, business planning and supply of labour, material and technology); Railway Access (role of owner and manager, earning revenue by operators, selling access, maintenance and upgrading for efficient use); Project Management (principles, assessing and understanding tasks, developing and evaluating options, breaking

tasks down, estimation of time, resources and costs, planning charts, managing project interfaces, monitoring and controlling, reporting and post-completion audits); Infrastructure (task and layout of railway infrastructure, wheel/rail interface, maintenance and renewal, incidental infrastructure, bridges, contribution of infrastructure to railway business, management of track and related fixed infrastructure); Rolling stock (types and design parameters, vehicle configuration and structural layout, suspension and wheel/rail interface, locomotive design, rail vehicle sub-systems, rail vehicle maintenance).

**Courses:** CE62

**Credit points:** 12

**Semester:** 2

### ► CEP012 RAILWAY MANAGEMENT OPERATION AND SAFETY

The unit is offered entirely in distance education mode via the continuing professional development unit NRE002. The four modules cover: Railway Management (elements of railway business management, vision, strategy, policy and procedures, needs of stakeholders); Railway Operation (planning for service specification and delivery, coordination by operator, optimising service); Railway Safety Management (broader aspects of rail safety, safety awareness, guidance for the inter-disciplinary manager); Railway Signalling and Telecommunications (signalling and telecommunications systems as important safety elements, selection and use of systems, level of safety, operational flexibility and asset utilisation required by railway owners operators and regulators, accident case histories).

**Courses:** CE62

**Credit points:** 12

**Semester:** 1, 2

### ► CEPI27 ROAD AND TRAFFIC ENGINEERING

The Municipal Engineers' task involves the provision of a safe and effective road system. This unit is included in the course to ensure that students have an effective and comprehensive understanding of the principles of road construction and road traffic management. The aim of this unit is to provide the student with not only the techniques to be used but also the principles behind these techniques. A secondary aim is to provide students with an understanding of when a technique is more appropriate. The objectives of the unit are to develop skills in the analysis and design of intersections, analysis of urban networks, and freeways.

**Courses:** CE62, CE64, CE74, CE75

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► CEPI41 STUDIES IN ENVIRONMENTAL ENGINEERING

Various studies related to waste and resource management and risk analysis. Waste management topics include waste avoidance and minimisation, recycling and reuse; waste exchange; energy production; treatment; and disposal. Risk analysis studies include risk posed by waste material to human health and the environment and optimisation of resource management.

**Courses:** CE74, CE75, CE62, CE64

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► CEPI42 WATER POLLUTION CONTROL

Various studies related to waste and resource management and risk analysis. Waste management topics include waste avoidance and minimisation, recycling and reuse; waste exchange; energy production; treatment; and disposal. Risk analysis studies include risk posed by waste material to human health and the environment and optimisation of resource management.

**Courses:** CE62, CE64, CE74, CE75

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► CEP143 BIOLOGICAL TREATMENT PROCESSES

The design and operation of water and waste water treatment systems, focusing on conventional and advanced biological treatment processes. Current practice and development.

**Courses:** CE62, CE64, CE74 **Credit points:** 12

**Campus offered:** GP

**Semester:** 2

## UNIT SYNOPSES

### ► CEP151 ROAD SAFETY AUDIT - PRINCIPLES AND PRACTICE

Road safety auditing is a specialised skill that is developed from an understanding of the principles involved and practical examples. This course provides this understanding and practice and enable graduates to become accredited auditors. The unit can be taken by people with a large range of backgrounds and education levels.

**Courses:** CE62, CE64, CE74, CE75

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► CEP175 PAVEMENT MAINTENANCE REHABILITATION AND RECYCLING

The unit describes difference ways a pavement exhibits both structural and non-structural distress. The modes of distress, including disintegration, distortion, cracking and fracture are described together with problems relating to safety and damage caused by operational factors. A range of evaluation techniques are presented which can be used to assess the condition of a pavement with respect to serviceability, structural capacity and safety. Restoration techniques using granular materials, full depth asphalt and concrete and structural overlays are described along with the role and use of absorbing layers. The unit concludes with the economic evaluation of alternative maintenance strategies using whole of life costing techniques.

**Courses:** CE62, CE64, CE74, CE75

**Credit points:** 12

**Campus offered:** GP

### ► CEP201 PROCESS MODELLING

Role of models in engineering design and investigation. Principles of modelling techniques and their uses, limitations and relevant applications.

**Courses:** CE62, CE64, CE74, CE75

**Contact hours:** 3 per week

**Credit points:** 12

**Campus offered:** GP, EXT

**Semester:** 2

### ► CEP216 ADVANCED TRAFFIC ENGINEERING

Traffic flow theory and traffic management. Analytical and computer analysis routines for urban intersection design, their background and applications.

**Courses:** CE62, CE64, CE74, CE75

**Contact hours:** 3 per week

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► CEP218 TRANSPORTATION ENGINEERING

This unit is presented to provide students an advanced understanding within the transport engineering discipline, with emphasis on both the qualitative and quantitative processes involved in urban and regional transport engineering and planning. Emphasis is placed on the planning, operation, management and evaluation of transport projects and systems, particularly in context with economic, environmental and social attributes.

**Courses:** CE74, CE75, CE62, CE64

**Contact hours:** 4 per week

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► CEP291 ENVIRONMENTAL LAW AND ASSESSMENT

Introduction to environmental law. Commonwealth and state legislation. Development controls. Trends in environmental control. The framework for environmental assessment. Description of the environmental setting. Impact assessment and analysis.

**Courses:** CE62, CE64, CE74, CE75

**Contact hours:** 4 per week

**Credit points:** 12

**Semester:** 1

### ► CEP292 ENGINEERING PRACTICE 2

This subject is designed to teach the basic precepts in site management and to provide to the student an insight into the requirements, precepts and problems of construction management. Good engineering requires much more than a demonstrated ability in project management or design specialisation. It required engineers that possess vision, organisation, but more importantly it requires the skill to be able to deal with the personnel problems that arise on any project.

**Courses:** CE62, CE64, CE74, CE75

**Credit points:** 12

**Campus offered:** GP

### ► CEP293 PAVEMENT DESIGN

The unit includes investigatory and design procedures as outlined in the AUSTRROADS Pavement Design Manual. A section on materials discusses specification requirements and the testing procedures used by authorities to assess the quality of pavement materials and to predict their performance. Other topics deal with the collection and analysis of traffic data, empirical and mechanistic design procedures, maintenance and rehabilitation, and an introduction to pavement management systems; sourced from conference proceedings and industry. The background information on the history of pavement design and the origin of pavement design theories is also discussed.

**Courses:** CE62, CE64, CE74, CE75

**Credit points:** 12

**Semester:** 1

### ► CEP294 ENGINEERING CONTRACT DEVELOPMENT AND ADMINISTRATION

Good engineering requires much more than a demonstrated ability in project management or design specialisation. It requires engineers that possess vision, strategy, communication and the ability to make other work together as an effective organisation. To achieve this financial and legal knowledge is necessary. Contemporary engineering demands that the practising engineer not only masters basic concepts in either design or construction but there must be a strong background in current engineering approaches to contract management methods.

**Courses:** CE62, CE64, CE74, CE75

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1, 2

### ► CEP295 CIVIL ENGINEERING MANAGEMENT IN A PROJECT ENVIRONMENT

Contemporary engineering demands that the practising engineer not only master basic concepts in either design or construction but that there exists a strong background in current engineering approaches and management methods. The course will provide an insight into the requirements, precepts and problems of engineering management of interdisciplinary projects.

**Courses:** CE62, CE64, CE74, CE75

**Credit points:** 12

### ► CEP997 PROJECT 1/2

Professional engineers must be able to define and solve problems in areas which are not covered in textbooks and manuals of good practice. An aid to definition and solution is the critical assessment of research and development work. The obtaining of this information and its study will need a plan of action. As the credit point weighting suggests Project is a significant and important component of the course. Students enrol in this unit over two semesters, completing 12cp in each semester. The guidelines noted in this unit outline are designed to help students complete their project on time whilst producing work of a high academic standard. The aim of this unit is to help the student to develop skills in literature review and reporting on their area of investigation. As each project will have its own needs, the tasks shown below are indicative only. The milestones shown may be completed within 2 semesters. The timelines need to be proportionately extended in all other cases. The main tasks are required by the 'proposed' deadlines (agreed milestones are to be agreed with individual supervisor directly).

**Courses:** CE44, CE46, CE74, CE75

**Credit points:** 24

**Campus offered:** GP

**Semester:** 1, 2, 3

### ► CLB001 RECORDS MANAGEMENT

The paper-based and electronic records and information systems operating within and between organisations; the impact that changes in communication technology have had on these systems.

**Courses:** ED50

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** COB121

### ► CLB002 TEXT FORMATTING

The use of technology for document preparation, analysis of underlying principles of skills acquisition, traditional and technological perspectives

on: document design, document formatting, business correspondence, tabulation, financial statements, business forms, and document formatting for specialised businesses.

**Courses:** ED50

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** COB119

### ► CLB003 OFFICE PROCEDURES

An analysis of business environments in a variety of industries: communication practices, communication flows, functions and operational procedures, and the influence and impact of communication technology.

**Courses:** ED50

**Corequisites:** COB173

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** COB122

### ► CLB004 INTEGRATED FOUNDATION STUDIES 1: VISUAL AND VERBAL LANGUAGE AND LITERACIES

This unit examines literacy from contemporary perspectives. Literacy education has tended to make an artificial divide between the printed word and visual information. Increasingly, contemporary literate practices combine multiple text forms employing a range of media and technologies to communicate. Texts are spoken, written, visual imagery and other symbolic forms, and presented in multimedia combinations and digital interactive contexts. This unit examines the complex simultaneity of texts, delivery modes and media that have specific and more general, social and cultural meaning.

**Courses:** ED91, ED51

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG

**Semester:** 1

### ► CLB005 INTEGRATED FOUNDATION STUDIES 3: WELLNESS AND ACTIVE CITIZENSHIP

This unit explores the links between a holistic notion of health and wellness and the practice of active citizenship. It investigates the connections between human wellness, behaviour and particular social, cultural, civic, economic and environmental relationships that characterise communities at particular times and places. Students are encouraged to critically analyse such connections and utilise their knowledge and understanding to develop a sense of purpose about wellness and active citizenship in an increasingly globalised world.

**Courses:** ED91

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG

**Semester:** 2

### ► CLB006 PRIMARY CURRICULUM AND PEGAGOGIES: LANGUAGE AND LITERACIES 1

New basics emerge in literacy education. The privileged status of print as the almost exclusive basis to literacy has diminished. Postmodern media culture is powerful and pervasive, and knowledge communication today is as much through multimedia as it is through the single medium of print. This unit acknowledges that children now form their early concepts about literacy from textual environments that are considerably more complex than for those of their predecessors. Contemporary language and literacy education must base its practices on texts from a range of technologies, involving different media, and in recognition of diverse contexts and social purposes for communicating. The unit also recognizes the need to acknowledge the significant differences existing between students' experiential backgrounds, between maturation and ability levels, and between social and cultural backgrounds in literacy education.

**Courses:** ED91

**Campus offered:** KG

**Semester:** 2

### ► CLB301 POWERFUL TEACHERS, POWERFUL STUDENTS

Thematic questions about teaching: understanding the current notion of teacher/student power; ways of understanding teacher/student power and teaching through powerful and empowering teaching/learning models; the practical knowledge needed to empower beginning teachers.

## UNIT SYNOPSES

**Courses:** ED43, ED50, ED51, ED52, ED54, ED55, IF70-79

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB302 IDENTIFYING AND RESPONDING TO STUDENT DIFFERENCE

The range of perceptions and reactions to individual difference; the psychological explanations for the sociocultural contexts of difference in schools; perspectives on the identification and classification of special educational needs. From a commitment to social justice and equity, it examines policy initiatives which impact on learners and teachers; identifies appropriate strategies.

**Courses:** ED43, ED50, ED51, ED52, ED54, ED55, IF70-79

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB304 CONTEXT OF ADULT AND WORKPLACE EDUCATION

Investigates and analyses of the contemporary contexts of workplace and community education. Specific attention is given to the changing nature of such contexts and to the implications of this for the workplace and communities. For example, changes in the global and national economy, the labour market and work, technology, the family and community, demographics, and policy are explored through an historical and critical approach. Issues raised by such changes (for example: access, equity and participation, credentialing, competency recognition, and the unintended consequences of policy) are key points of investigation.

**Courses:** ED54, ED26

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB305 EDUCATION IN CONTEXT

This unit investigates and analyses the contemporary contexts of education and schooling. Specific attention is given to the postmodern and culturally diverse nature of such contexts and to the implications of this for professional educators. Topics such as individualism, youth, globalisation, the new work order, marketisation, ethnic diversity, social class, sexualities, Indigenous Australian cultures and rural communities are all explored through an historical and critical approach.

**Courses:** ED43, ED50, ED51, ED52, ED55, ED56, ED57, IF70-79, IF81, IF82, IF83, IF84

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB306 UNDERSTANDING EDUCATIONAL PRACTICES

The social, cultural, historical and political contexts of schooling; technologies, practices and strategies employed by schools; the curriculum as a contested site; the place of schooling in the modern state. Critical reflection by students is encouraged, allowing them to engage with others as co-theorists in pedagogical work.

**Courses:** ED26, ED50, ED51, ED52, ED53, ED55, ED56, ED57, IF70-79, IF81-84

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB308 INDIGENOUS CULTURE AND IDENTITY IN THE AUSTRALIAN

Issues and positions arising from Australian Indigenous cultural contexts and identity; theoretical ways of understanding cultural identity formations and their social impact; critical analysis of the key issues in reconciliation; processes of cultural understanding, research, critique and communication methods explored from the Aboriginal and Torres Strait Islander perspectives.

**Courses:** ED50, ED51

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB320 STUDIES IN LANGUAGE

The language basis in current approaches to the teaching of English; nature and function of language; dynamics involved in interactive situations; appropriateness of language forms used in various social contexts; educational implications of linguistic diversity within the community; recognition of the developmental features of adolescent language.

**Courses:** ED50

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB321 WRITING WORKSHOP

The student, as writer, uses all the language modes in social contexts (either genuine or simu-

lated) to lead to writing in a range of situations. Engagement in these writing situations is designed to bring about personal understanding of the following: the nature of the writing process; the influence of audience and purpose on the final written product; the range of genres (or forms) falling within the writing activity.

**Courses:** ED50, ED51, ED52, ED43

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB322 LITERATURE IN TEACHING

Literature teaching in historical perspective; recent developments in theory; poetry in the senior school; teaching drama in the senior school; teaching the novel in the senior school; shorter works (novellas, short stories) and their use in the English curriculum.

**Courses:** ED50

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB323 TEACHING ADOLESCENT LITERATURE

The scope and nature of young adult literature; strategies for evaluation and selection; recent research into adolescents reading needs, interests and responses; using young adult books in the curriculum.

**Courses:** ED50

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB325 ENGLISH CURRICULUM STUDIES 1

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

**Courses:** ED19, ED50, ED54, ED55, IF70, IF75-79

**Prerequisites:** Normally the completion of 48 credit points in each relevant discipline area

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB326 ENGLISH CURRICULUM STUDIES 2

Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

**Courses:** ED19, ED50, ED54, ED55, IF70, IF75-79

**Prerequisites:** CLB325

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB327 FILM AND MEDIA CURRICULUM STUDIES 1

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

**Courses:** ED19, ED50, ED54, ED55, IF70, IF75-78

**Prerequisites:** Normally the completion of 48 credit points in each relevant discipline area

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB328 FILM AND MEDIA CURRICULUM STUDIES 2

Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

**Courses:** ED19, ED50, ED54, ED55, IF70, IF75-78

**Prerequisites:** CLB327

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB329 LOTE CURRICULUM STUDIES 1

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

**Courses:** ED19, ED50, ED54, ED55, IF70, IF75-78

**Prerequisites:** Normally the completion of 48 credit points in each relevant discipline area

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB330 LOTE CURRICULUM STUDIES 2

Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

**Courses:** ED19, ED50, ED54, ED55, IF70, IF75-78

**Prerequisites:** CLB329

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB334 PRIMARY LOTE CURRICULUM STUDIES

This unit introduces concepts and skills in LOTE curriculum and methodology and prepares appropriately qualified students to teach French, German, Indonesian or Japanese in the upper primary school.

**Courses:** ED50, ED51, ED56, IF82, IF84

**Prerequisites:** Six language units or equivalent

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** CLB449, CLB450

### ► CLB339 ADULT LITERACY AND SECOND LANGUAGE LEARNERS

Explores the special literacy needs of second language learners and investigates teaching approaches which recognise these needs and develop cross-cultural awareness and communication strategies. Topics include a comparison of first and second language literacy; the relationship between second language oracy and literacy; issues in cross-cultural communication; the literacy impact for non-English speaking background learners of current policy initiatives and workplace practices needs analysis in second language literacy course design.

**Courses:** ED54

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB341 LANGUAGE, TECHNOLOGY AND EDUCATION

Foundation unit concerned with language, literacies and technology in educational and worldwide contexts. Contemporary views of language and technological literacies as social activities are explored. Educational implications of the interconnections between technology, language discourse and power are applied to educational setting. The uses of language discourse and power are applied to educational settings. The use of language and technology in instruction is introduced. The unit is offered by the Schools of Cultural and Language Studies in Education and Mathematics, Science and Technology Education.

**Courses:** ED50, ED55, IF70-79

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB346 CASE STUDIES IN ADULT AND FAMILY LITERACY

Principles and practices of assisting adults who have less than adequate literacy knowledge and abilities; assisting literacy development of family members; development and use of practical and effective teaching resources and strategies; development, maintenance and reporting of case histories in adult and family literacy.

**Courses:** ED43, ED50, ED51, ED52, ED54, ED55, IF70-79

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB347 TEACHING STUDENTS FROM NON-ENGLISH SPEAKING BACKGROUNDS

This elective unit for students in all teaching specialisations will develop understanding of specific language and learning needs of students for whom English is a second language. It deals with differences in first and second language development, professional implications of significant policy initiatives related to second language learners, and issues in analysis, assessment and cross-cultural communication. Participants will also investigate language demands of their own

## UNIT SYNOPSES

area of specialisation and develop appropriate teaching techniques and resources.

**Courses:** ED43, ED50, ED51, ED52, ED54, ED55, IF70 -79

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB348 LANGUAGE AND LITERACY CURRICULUM 1

This unit is the first of two curriculum units in language and literacy education for Primary BE students. The unit is organised into two modules. The first concerns both print and digital literacy, and specifically planning for the teaching of reading, spelling and writing in the early years, and the links between oral language and literacy. The second module engages with a genre and functional grammar approach to reading and writing.

**Courses:** ED51

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB349 LANGUAGE AND LITERACY CURRICULUM 2

This unit is the second language and literacy curriculum unit for Primary BE students, and is organised into two modules. The first focuses on planning for critical literacy practices in Years 1-7 classrooms, with emphases on texts in the print and electronic environments, their purposes and audiences, and on critique. The second module explores ESL teaching and learning within the context of a multicultural society.

**Courses:** ED51

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB350 ENGLISH FOR TEACHERS

This unit is designed to help non-native English speaking primary teachers to develop skills in English which will enable them to undertake their teaching and professional roles effectively whilst in Australia and once they are teaching in the English as a Foreign Language (EFL) context.

**Courses:** ED05, ED26, ED43, ED52, ED61

**Credit points:** 12

### ► CLB351 TEACHING METHODOLOGY FOR ENGLISH AS A FOREIGN LANGUAGE 1

This unit is designed to help participants to develop a range of understandings so that they can implement effective English as a Foreign Language Programs for young learners, managing the classroom as a complex social environment for teaching and learning.

**Courses:** ED05, ED26, ED43, ED52, ED61

**Prerequisites:** CLB350

**Corequisites:** CLB353

**Contact hours:** 3 per week **Credit Points:** 12

### ► CLB352 TEACHING METHODOLOGY FOR ENGLISH AS A FOREIGN LANGUAGE 2

In this unit, participants explore current issues and emerging trends in curriculum teaching areas. It requires students to reflect upon their own philosophy of teaching, and to build up an extensive repertoire of advanced teaching strategies and appropriate teaching resources. It will also deal with assessment and evaluation.

**Courses:** ED05, ED26, ED43, ED52, ED61

**Prerequisites:** CLB351

**Contact hours:** 3 per week **Credit Points:** 12

### ► CLB353 MATERIALS AND CURRICULUM DEVELOPMENT FOR ENGLISH AS A FOREIGN LANGUAGE

This unit helps participants to gain understandings and skills that will enable them to maximise learning opportunities for young learners through the principled use of class textbooks and EFL classroom materials. This will involve developing skills in designing tasks and activities, and for planning for short term and long term English language learning.

**Courses:** ED05, ED26, ED43, ED52, ED61

**Contact hours:** 3 per week **Credit Points:** 12

### ► CLB355 ACCOUNTING/BUSINESS MANAGEMENT CURRICULUM STUDIES 1

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit

planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

**Courses:** ED50, ED54, ED55, ED19, IF79, IF72

**Prerequisites:** Normally the completion of 48 credit points in each relevant discipline area

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB356 ACCOUNTING/BUSINESS MANAGEMENT CURRICULUM STUDIES 2

Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

**Courses:** ED19, ED50, ED54, ED55, IF79, IF72

**Prerequisites:** CLB355

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB357 BUSINESS COMMUNICATIONS AND TECHNOLOGIES CURRICULUM STUDIES 1

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

**Courses:** ED19, ED50, ED54, ED55, IF79

**Prerequisites:** Normally the completion of 48 credit points in each relevant discipline area

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB358 BUSINESS COMMUNICATIONS AND TECHNOLOGIES CURRICULUM STUDIES 2

Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

**Courses:** ED19, ED50, ED54, ED55, IF79

**Prerequisites:** CLB357

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB359 ECONOMICS CURRICULUM STUDIES 1

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

**Courses:** ED19, ED50, ED54, ED55, IF79, IF72

**Prerequisites:** Normally the completion of 48 credit points in each relevant discipline area

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB360 ECONOMICS CURRICULUM STUDIES 2

Continuation of CLB359. Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

**Courses:** ED19, ED50, ED54, ED55, IF79, IF72

**Prerequisites:** CLB359

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB361 GEOGRAPHY CURRICULUM STUDIES 1

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

**Courses:** ED19, ED50, ED54, ED55, IF70, IF75, IF76, IF77, IF78, IF79

**Prerequisites:** Normally the completion of 48 credit points in each relevant discipline area

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB362 GEOGRAPHY CURRICULUM STUDIES 2

Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assess-

ment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

**Courses:** ED19, ED50, ED54, ED55, IF70, IF75-79

**Prerequisites:** CLB361

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB363 HISTORY CURRICULUM STUDIES 1

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

**Courses:** ED19, ED50, ED54, ED55, IF70, IF75-79

**Prerequisites:** Normally the completion of 48 credit points in each relevant discipline area

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB364 HISTORY CURRICULUM STUDIES 2

Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

**Courses:** ED19, ED50, ED54, ED55, IF70, IF75-79

**Prerequisites:** CLB363

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB365 LEGAL STUDIES CURRICULUM STUDIES 1

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning applied to Legal Studies; and teaching strategies and resources designed to promote a range of learning experiences.

**Courses:** ED19, ED50, ED54, ED55, IF79

**Prerequisites:** Normally the completion of 48 credit points in each relevant discipline area

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB366 LEGAL STUDIES CURRICULUM STUDIES 2

Continuation of PRB365. Curriculum development within the context of contemporary policies, frameworks and agencies; advanced teaching strategies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

**Courses:** ED19, ED50, ED54, ED55, IF79

**Prerequisites:** CLB365

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB367 SOCIAL SCIENCE CURRICULUM STUDIES 1

Assists students to develop those competencies needed for planning and teaching in selected curriculum areas. Content includes: the nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

**Courses:** ED19, ED50, ED54, ED55, IF70, IF79

**Prerequisites:** Normally the completion of 48 credit points in each relevant discipline area

**Contact hours:** 3 per week **Credit points:** 12

### ► CLB368 SOCIAL SCIENCE CURRICULUM STUDIES 2

Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

**Courses:** ED19, ED50, ED54, ED55, IF70, IF79

**Prerequisites:** CLB367

**Contact hours:** 3 per week **Credit points:** 12

## UNIT SYNOPSES

### ► **CLB369 SOCIAL AND ENVIRONMENTAL FOUNDATIONS**

Explores from an interdisciplinary perspective a number of thematic questions about teaching: the historical development of social and environmental foundations in the study of society; the current sociocultural context of social and environmental education; culture and beliefs as an influence on social and environmental activity; the quality of natural and social systems in the world; resources: conservation and development; place and space, continuity and change, key skills and competencies, critical and creative thinking, perceptions, attitudes and values in social and environmental studies.

**Courses:** ED43, ED51, ED52

**Contact hours:** 3 per week **Credit points:** 12

### ► **CLB370 ADVANCED CURRICULUM: ENVIRONMENTAL EDUCATION**

Designed to assist the beginning teacher to implement the Queensland Department of Education's environmental policy in primary schools. The major goal is to develop expertise in the design and delivery of class programs and activities.

**Courses:** ED51

**Contact hours:** 3 per week **Credit points:** 12

### ► **CLB371 KNOWING YOUR ENVIRONMENT**

An interdisciplinary social science approach to explore the origins, nature and impact of various environmental issues which threaten the continuing viability of our planet. Its aim is to develop a sound skills and knowledge base enabling students to analyse, synthesise and respond positively to many of the controversial and vital environmental problems at a local, national and global level.

**Courses:** ED52, ED51, ED43

**Contact hours:** 3 per week **Credit points:** 12

### ► **CLB372 THE CONSUMER, SOCIETY AND THE ENVIRONMENT**

Designed to enhance the knowledge and skills of the individual in one of the most important roles in a market oriented economy. Content includes: the role and functions of consumers in the Australian economy; the interrelationship between consumers, business and government; consumer protection laws and the need for them; ways of developing pro-active consumerism; and consuming for the environment - the green consumer.

**Courses:** ED52, ED51, ED43

**Contact hours:** 3 per week **Credit points:** 12

### ► **CLB373 FUTURE SOCIETIES AND ENVIRONMENTS - AUSTRALIA, ASIA AND THE PACIFIC**

Provides a futures approach in the study of the rapidly changing Asia-Pacific region. An introduction to the study of the future is made through an analysis of principal methods and contemporary contributors such as Toffler and Jones. Methods and models that are applied are relevant to Australia, Asia and the Pacific, involving such themes as: population and migration; international relations; political institutions and systems; resource allocation and utilisation; sustainable development; environment issues and structural change.

**Courses:** ED52, ED51, ED43

**Contact hours:** 3 per week **Credit points:** 12

### ► **CLB374 STUDIES OF SOCIETY AND ENVIRONMENT**

An investigation of the Key Learning Area of Studies of Society and Environment disciplinary versus interdisciplinary approaches; analysis of key strands; values; curriculum perspectives including gender perspectives; Aboriginal and Torres Strait Islander perspectives, multicultural perspectives, global perspectives, futures perspectives, technology and VET perspectives.

**Courses:** ED50, ED55, IF70-79

**Contact hours:** 3 per week **Credit points:** 12

### ► **CLB375 ENVIRONMENTAL FIELD STUDIES**

Designed to identify and value a wide range of field study resources and venues. Extensive involvement with field study experiences will as-

ist students in developing appropriate skills for investigating environmental issues and concerns as well as helping students reflect and refine the usefulness and value of field experience in developing effective environmental education programs.

**Courses:** ED51

**Contact hours:** 3 per week **Credit points:** 12

### ► **CLB376 STUDIES OF SOCIETY AND ENVIRONMENT CURRICULUM**

This unit provides an opportunity for students to investigate the philosophical and pedagogical characteristics of this teaching area. Ways of translating syllabus requirements into worthwhile curriculum units, and teaching sequences, are considered. It will enable students to gain an understanding of significant societal and environmental problems.

**Courses:** ED26, ED51, ED56, IF82, IF84

**Contact hours:** 3 per week **Credit points:** 12

### ► **CLB377 BUSINESS EDUCATION STUDIES**

Enables students to develop those competencies needed for planning and teaching Business Education subject areas which are additional to their two major curriculum areas. A selection of three areas will be made from Accounting, Business Communication and Technology Education, Business Organisation and Management, Economics and Legal Studies. Competencies covered will include a basic knowledge of curriculum planning, appropriate teaching strategies and resources, and assessment planning and implementation.

**Courses:** ED50, ED55, ED19, IF70 - 79

**Prerequisites:** 24 credit points in Business Education Curriculum units.

**Contact hours:** 3 per week **Credit points:** 12

### ► **CLB401 CULTURAL DIVERSITY AND EDUCATION**

Explores the multicultural nature of Australian society and its educational approaches to addressing the needs of cultural diversity. Participants will analyse the role of the school and the teacher with respect to schooling and pluralism. Students will learn how to identify and challenge various forms of discrimination, and recognise the kinds of social, curriculum, and classroom management policies which are sensitive to the needs of students from diverse socio-cultural backgrounds.

**Courses:** ED26, ED43, ED50, ED51, ED52, ED53, ED54, ED55, IF70-79

**Contact hours:** 3 per week **Credit points:** 12

### ► **CLB402 ISSUES IN INDIGENOUS EDUCATION**

Factors influencing the position of Aborigines and Torres Strait Islanders in Australian society; government policies; indigenous cultures and education; current initiatives; participation of indigenous communities in policies and programs.

**Courses:** ED26, ED43, ED50, ED51, ED52, ED53, ED54, ED55, IF70-IF79

**Contact hours:** 3 per week **Credit points:** 12

### ► **CLB403 GENDER AND SEXUALITY ISSUES FOR TEACHERS**

Gender and sexualities in cultural and school contexts; historical overview of gender relations; theoretical frameworks for gender and current debates in Australia about gender and equity; femininity and masculinity as social constructs; sexuality and the body; violence and gender; debates about boys' behaviour and performance in Australian schools.

**Courses:** ED26, ED43, ED50, ED51, ED52, ED54, ED55, IF70-79

**Contact hours:** 3 per week **Credit points:** 12

### ► **CLB405 ENVIRONMENTAL EDUCATION**

Valuable for all educators concerned with communicating environmental knowledge, concepts, skills, attitudes and values in formal and informal learning situations. Participants are encouraged to pursue the objectives of environmental education within their own subject specialisations.

**Courses:** ED26, ED54, NS48

**Contact hours:** 3 per week **Credit points:** 12

### ► **CLB411 INTRODUCTION TO PRODUCTION PRACTICE IN FILM AND MEDIA CURRICULUM**

The relevance of media studies across the curriculum is reflected in the recently developed range of state and national curriculum documents that draw attention to the study of the media. The senior Board subject Film and TV requires that teachers are technologically literate and competent users of audio visual technologies in the production practice and production design aspects and dimensions of the curriculum. This unit aims to equip teachers with the skills they require to teach this complex aspect of their subject area (75% of senior Film and Television is practically based) and builds on previous discipline units, which are more industry based. The unit also relates directly to the competencies required of the pre-service teacher on practicum and to their role as practising teachers of Film and Media studies.

**Courses:** ED50, ED55, IF70-79

**Prerequisites:** CLB327, CLB328

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** KG **Semester:** 2

### ► **CLB412 ADVANCED STUDIES IN ENGLISH, ESL CURRICULUM**

Focuses in more depth on selected issues related to the teaching of English and English as a Second Language in the secondary school. Topics will include: literature and popular culture in the classroom; materials development for non-native speakers of English; language, multiculturalism and ideology; school to work transition programs; contemporary issues in language education, linguistics and cultural studies.

**Courses:** ED50, ED55, IF70-79

**Contact hours:** 3 per week **Credit points:** 12

### ► **CLB413 PROGRAMMING AND ASSESSMENT IN LANGUAGE AND MATHEMATICS**

The unit has two main components: a lecture sequence which provides generic information on State and National initiatives and practices in assessment and intervention in both language and mathematics; and, two practical strands in which students will plan for unit development, assessment and intervention in both language and mathematics.

**Courses:** ED18, ED51, ED56, IF82, IF84

**Prerequisites:** Language and Mathematics Curriculum Sequences (or equiv)

**Contact hours:** 3 per week **Credit points:** 12

### ► **CLB414 ADVANCED TOPICS IN LANGUAGE EDUCATION**

Provides students with the opportunity of exploring in more detail literature and language-related curriculum issues in the primary school. Topics will include literature and popular culture in the classroom; language and gender; language, multiculturalism and ideology; the student as linguistic ethnographer.

**Courses:** ED51

**Contact hours:** 3 per week **Credit points:** 12

### ► **CLB440 TRENDS IN THE TEACHING OF WRITING**

Development of writing in the light of the language in use model, recent research, and classroom practice. It is designed for the P-12 teacher. Students are expected to develop their own folio of writing, an understanding of current approaches to writing curriculum, and writing programs for their classrooms.

**Courses:** ED26

**Contact hours:** 3 per week **Credit points:** 12

### ► **CLB441 CHILDREN'S LITERATURE**

Provides students with the opportunity to extend their knowledge of children's literature written by both Australian and overseas writers; examines traditional and emerging genres; develops critical approaches to texts; considers ways of using children's literature in the classroom.

**Courses:** ED26, ED51, ED52, ED53, ED43

**Contact hours:** 3 per week **Credit points:** 12

### ► **CLB443 TRENDS IN THE TEACHING OF READING**

Provides students with the opportunity to extend their understanding of the reading process; exam-

ines current views about reading in order to identify key concepts of the theory; implications for classroom practice are drawn; identifies factors which influence readers and texts; the roles these play in the understanding of the meanings made; develops learning situations based on these understandings.

**Courses:** ED26, ED50, ED53, ED55, IF70-79  
**Contact hours:** 3 per week **Credit points:** 12

► **CLB446 UNDERSTANDING TEXTS AND WRITING**

Over the past twenty years, linguistic studies have increasingly informed the development of language curriculum, the assessment of language, and the processes of language and literacy learning in schools. Over the same time the need for teachers to have systematic knowledge of language and how it works has been recognised. In much of Australia this systematic approach to describing language comes principally from the systemic functional school of linguistics. This unit provides an organised, contextualised introduction to that linguistic model through workshop sessions involving the writing and reading of a range of genre. In this unit, students will learn to critically evaluate texts, their purposes and the language resources employed by writers. In this way, the 'workshop' elements provide experience in writing in such a way that it can be applied to the students' own writing development, to an understanding of texts and grammars and to a consideration of the implications of this experience and knowledge for the teaching of writing.

**Courses:** ED50, ED90, ED51, ED52, ED43  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** KG **Semester:** 2

► **CLB447 ENGLISH AS A SECOND LANGUAGE CURRICULUM STUDIES 1**

Introduction to the design and development of curriculum, materials and resources to meet the general and specific needs of learners who are non-native English speakers and who require higher English language proficiency levels for study purposes.

**Courses:** ED19, ED50, ED55  
**Contact hours:** 3 per week **Credit points:** 12

► **CLB448 ENGLISH AS A SECOND LANGUAGE CURRICULUM STUDIES 2**

Continuation of LAB447 showing students how curriculum materials and resources are implemented through appropriate approaches, methodologies and techniques for individuals, groups or whole classes of learners who are non-native speakers of English.

**Courses:** ED19, ED50, ED55  
**Prerequisites:** CLB447  
**Contact hours:** 3 per week **Credit points:** 12

► **CLB449 PRIMARY LOTE CURRICULUM STUDIES 1**

Current theory and practice in LOTE teaching/learning in the primary school with particular emphasis on the intellectual, physical, emotional and social needs of young learners and the need for teaching approaches drawn from general educational theory together with an understanding of second language acquisition.

**Courses:** ED19, ED55  
**Contact hours:** 3 per week **Credit points:** 12

► **CLB450 PRIMARY LOTE CURRICULUM STUDIES 2**

Continuation of CLB449. Content, processes and materials appropriate to the planning and implementation of LOTE programs in the primary school which integrate culture and language, articulate with the rest of the primary curriculum and in which learners become more interested in, and aware of, languages and cultures other than their own.

**Courses:** ED19, ED55 **Prerequisites:** CLB449  
**Contact hours:** 3 per week **Credit points:** 12

► **CLB451 STORYTELLING: CULTURAL PERSPECTIVES**

Provides students with the opportunity to develop confidence in their ability to tell stories; explores a wide range of oral and traditional story genres; investigates cultures and their sto-

ries; promotes ways for using storytelling across the curriculum.

**Courses:** ED51, ED52, ED26  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** LAP517

► **CLB452 MEDIA LITERACY AND THE SCHOOL**

The unit aims to equip future teachers with an understanding of media literacy which they can apply to their own professional growth in addition to incorporating the concepts in an educational environment. Aspects of media techniques and practices, relationships between culture and meaning; nature of an audience, and concepts of agents and industry will be explored.

**Courses:** ED51, ED52  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** LAP513

► **CLB453 NEW LITERACIES AND TECHNOLOGIES ACROSS THE CURRICULUM**

This unit provides students who have successfully completed CLB341 Language, Technology and Education the opportunity of further developing across-the-curriculum approaches to new technologies and literacies in education. Students will undertake negotiated school-based projects to develop learning resources by applying new technologies and literacies in actual classroom contexts.

**Courses:** ED50, ED55, IF70-79  
**Prerequisites:** CLB341 **Credit points:** 12

► **CLB454 LANGUAGE AND LITERACY CURRICULUM**

Following an introduction which points out how particular language and literacy theories underpin curriculum in Years 1-7 classrooms, the unit is constructed in three modules. The first explores planning for teaching reading, spelling and writing. The second module engages with a genre approach to reading and writing. The third module concerns planning for a critical approach to literacy education.

**Courses:** ED26, ED56, IF82, IF84  
**Contact hours:** 3 per week **Credit points:** 12

► **CLN601 CYBERLEARNING: INFORMATION & KNOWLEDGE IN THE DIGITAL AGE**

Cyberlearning occurs in digitally navigable environments which shape and are shaped by a variety of discourses: social, cultural, political, institutional, technological and economic. Current pedagogical issues and evolving epistemologies pertaining to information creation and knowledge construction need to be addressed by educators and other learners who will participate in cyberlearning experiences in their professional and personal lives. This unit addresses the essential elements for understanding potential new pedagogical practices and epistemologies which will inevitably be shaped by the changing nature of communications technologies.

**Courses:** ED13  
**Campus offered:** EXT **Semester:** 1

► **CLN602 DIVERSITY AND MULTILITERACIES**

Amongst literacy researchers and policymakers in education systems in Australia and internationally, there is fundamental agreement that the digital revolution in communication and information technologies has created new forms of literacy. Everyday literate practices involve multiple text forms, employ a range of media and various technologies to communicate. Texts are spoken, written, produced as visual art and other symbolic forms, and often in multimedia combinations and digital interactive contexts. This unit examines new literacies in education contexts through contemporary perspectives and in acknowledgement of the multiliteracies that exist within a complex of social and cultural groups in society.

**Courses:** ED13  
**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 2

► **CLN603 DESIGNING SPACES FOR LEARNING**

New information and communications technologies have altered understandings of time and space for learning and teaching. However, many educators are engaged with learners in traditional physical spaces newly occupied by a variety of technologies and are required to negotiate changing, and often technology-driven approaches to learning and teaching in both geographic and virtual spaces. This unit provides an essential foundation for understanding the complex relationships between space, place and learning pedagogies appropriate for future-oriented educational contexts, and recognises the role of the educator in the design of learning spaces.

**Courses:** ED13  
**Campus offered:** EXT **Semester:** 2

► **CLN604 GLOBALISATION & EDUCATIONAL CHANGE**

This unit provides theoretical understandings of the key debates surrounding globalisation. It examines globalisation's impact on North/South relations, on national and local societies, on the environment and education. It develops an understanding of the challenges presented by globalisation for education's traditional role of building citizenship. By encouraging the use of 'multiple perspectives' it encourages students to extend their awareness of the public role of education in formulating alternative educational visions.

**Courses:** ED13  
**Contact hours:** Block **Credit points:** 12  
**Campus offered:** KG **Semester:** 1

► **CLN605 INTERCULTURAL PEDAGOGIES: COMPARATIVE PERSPECTIVES**

As part of their transition from being nation-centres to institutions engaged with a more interconnected world, schools and universities need to prepare students to live and work in a more interdependent world. This unit prepares educators for engaging with diversity in the curriculum, school or wider educational setting. Using a comparative and transcultural perspective, it discusses major issues that affect school curricula, and the nature of policy initiatives designed to resolve them.

**Courses:** ED13  
**Campus offered:** KG **Credit points:** 12  
**Semester:** 2

► **CLN608 SECOND LANGUAGE ACQUISITION**

Research into second language acquisition is providing new insights into the complex processes involved in natural and instructed language development. This unit extends participants knowledge of research into, and theories of, second language acquisition, and explores pedagogical implications and the relevance of research and theories to the enhancement of second language acquisition and learning.

**Courses:** ED14, ED77  
**Contact hours:** 3 per week **Credit points:** 12

► **CLN609 LANGUAGE, LITERACIES AND LEARNING**

Provides an understanding of the historical, theoretical, conceptual and research bases of program development and classroom instruction in English language and literacy.

**Courses:** ED11, ED13 **Credit points:** 12

► **CLN611 ADULT AND WORKPLACE LITERACY AND NUMERACY**

An exploration of how the field of adult literacy and numeracy has evolved; the changing nature and roles of literacies and numeracies in contemporary societies; how literacy and numeracy practices are embedded in particular settings, for example workplaces, and how cultural, political and economic factors impinge on adult literacy and numeracy learning in different contexts.

**Courses:** ED13, ED11, ED61 **Credit points:** 12

► **CLN612 PRINCIPLES OF SECOND LANGUAGE METHODOLOGY**

The range of approaches to second language learning and the theories of language and learning which underpin them. Theories of language and learning and their implications for TESOL;

## UNIT SYNOPSES

the social context of learning and its impact on methodological decision-making; current approaches and methods in TESOL; the roles of teachers and learners in the TESOL classroom.

**Courses:** ED14, ED77

**Contact hours:** 3 per week **Credit points:** 12

### ► CLN613 SECOND LANGUAGE CURRICULUM DESIGN OPTIONS

The factors which influence teachers in the development of language programs. Includes analysis of the following areas: learner profiles and needs; aims and objectives; processes and criteria for selecting methodology; content selection and sequencing; choice and evaluation of materials and resources.

**Courses:** ED14, ED77

**Contact hours:** 3 per week **Credit points:** 12

### ► CLN614 RESEARCH METHODS IN SECOND LANGUAGE EDUCATION

Introduces students to methods and techniques which are used by classroom teachers and language educators to undertake small and large scale research projects and to report research findings in journals and other publications.

**Courses:** ED14, ED77

**Contact hours:** 3 per week **Credit points:** 12

### ► CLN615 DIRECTED READING IN SECOND LANGUAGE EDUCATION

Provides an opportunity for teachers and others involved in TESOL to review current research articles to gain an overview of developments in TESOL/Applied Linguistics and to explore one or two personal interest areas in greater depth.

**Courses:** ED14, ED77

**Contact hours:** 3 per week **Credit points:** 12

### ► CLN616 LANGUAGE ASSESSMENT AND PROGRAM EVALUATION IN TESOL

Theories and practices in program evaluation, language testing and proficiency assessment. It examines and evaluates standardised tests and instruments which are used to assess the English language proficiency of speakers for whom English is a second language.

**Courses:** ED14, ED77

**Contact hours:** 3 per week **Credit points:** 12

### ► CLN617 PERSONALISED LANGUAGE DEVELOPMENT

Language learning is a lifelong task. This unit allows teachers to take a program of language development aimed at improving their level of proficiency and enhancing their cultural awareness. Students wishing to take this unit should discuss options with the coordinator.

**Courses:** ED14, ED77

**Contact hours:** 3 per week **Credit points:** 12

### ► CLN618 TECHNOLOGY AND SECOND LANGUAGE LEARNING

The twentieth century saw a rapid change in the technology available to language teachers. An exploration of the creative teaching potential of this technology in areas such as computer enhanced language learning (CELL), interactive multimedia (including CD-ROM and video disc) and the use of linear video, word processing and audio materials. The unit will also explore access to and pedagogical uses of electronic communication such as e-mail, list servers and bulletin boards.

**Courses:** ED14, ED77

**Contact hours:** 3 per week **Credit points:** 12

### ► CLN619 FUNCTIONAL GRAMMAR AND DISCOURSE

When we use language to enact our everyday lives, to teach and to learn, we use discourses to do so. Through this unit, students develop both the knowledge and the tools to analyse how discourses, comprising texts, make meaning linguistically. Students will analyse and discuss how meaning is constructed through interacting socio-cultural contexts and texts. Studies include the relationships among discourse, genre, register and text, involving the role of coherence and cohesion in text level meaning, of transitivity, mood and theme/rheme in clause level meaning, and of nominal, verbal and prepositional groups in group level meaning. Significant linguistic

features of written and spoken language are identified and discussed.

**Courses:** ED14, ED77

**Credit points:** 12

### ► CLN620 LANGUAGE AND CULTURE

Explores the relationship between language and culture drawing on insights from linguistics, sociolinguistics and cultural theory. It analyses the co-constitutive nature of language and culture, and examines how this relationship can be explored in the TESOL context.

**Courses:** ED14, ED77

**Contact hours:** 3 per week **Credit points:** 12

### ► CLN623 INVESTIGATING LANGUAGE AND LITERACY TEACHING AND LEARNING

Modules enabling students to tailor investigations into language and literacy theory and practice to fit their area of specialisation. Accordingly, students will be equipped with techniques and tools for analysing, interpreting, critiquing and evaluation theorised and responsible inquiry within their chosen language and literacy field.

**Courses:** ED11, ED13, ED61

**Contact hours:** 3 per week **Credit points:** 12

### ► CLN624 LITERACY/ESL PROGRAMMING AND ASSESSMENT

The unit begins with a generic module for all students enrolled in the unit. Here students investigate current theory and practice in programming and assessment in state and national contexts. Students then select from three possible modules engaging in programming and assessment issues for Primary, ESL, and adult contexts. Students undertake analysis and critique of programs in current use, and in negotiation with the lecturer in charge of the module. The unit involves a case study which centres on students' particular interests.

**Courses:** ED13, ED11, ED61

**Credit points:** 12

### ► CLN625 NEW LITERACIES AND TECHNOLOGIES

The modules in this unit introduce current theories and debates about new forms of literacy practice emerging in the current age of electronic information and communication. Students will experience and experiment with educationally relevant aspects of design or practice in language and literacy education using electronic information and communications applications, and develop strategies for appropriate selection and use of new technologies for particular educational settings and learners.

**Courses:** ED13, ED11

**Credit points:** 12

### ► CLN626 PRIMARY LANGUAGE AND LITERACY CURRICULUM

The unit is constructed of three modules: skilling students for literate acts; teaching/learning through a genre and critical approach; and catering for different learners in the language and literacy program. The unit approaches the teaching-learning cycle through a problem-solving approach, and through case studies and scenarios typical of classrooms which include a range of learners including ESL students and those who have different learning styles and abilities.

**Courses:** ED18

**Contact hours:** 3 per week **Credit points:** 12

### ► CLN631 POLICIES AND PRACTICES FOR INCLUSIVE EDUCATION

Explores how difference, in terms of disability, has been socially produced, conceptualised and theorised. The historical, socio-cultural, organisational, curriculum and pedagogical contexts of education must be taken into account if inclusive education is a political contested issue, demanding constant negotiation and requiring profound changes in the culture of schools. Social justice and equity considerations in policy and practice are a major focus of curriculum call for a supportive, whole school approach.

**Courses:** ED13, ED11

**Credit points:** 12

### ► CLN632 YOUTH FOCUSED BEHAVIOUR MANAGEMENT AND SCHOOLS

Examines the social and contextual causes and consequences of young people's behaviour in schools, and in particular, investigates student behaviour from a 'whole school' perspective rather than in the individual classroom context. It provides analytical frameworks for understanding how the category of 'youth' is constructed and maintained, and how this translates into student behaviour. It focuses on building protective and supportive environments in schools and communities as a preventative rather than a reactive strategy for behaviour management. The intention is to provide participants with the opportunity to examine and develop practices which minimise the probability of the development of 'at risk' behaviour in schools, especially secondary schools.

**Courses:** ED13, ED61, ED11

**Credit points:** 12

### ► CLN640 SOCIO-LINGUISTICS

An introduction to sociolinguistics, the study of language as social process and practice. Topics covered include: language functions and varieties; regional and social dialects, styles and registers; pidgin and Creole languages; language as social practice; discourse; speech communities; language and power; sociolinguistics and language teaching.

**Courses:** ED14, ED77

**Contact hours:** 3 per week **Credit Points:** 12

### ► CLN641 FROM THEORY TO PRACTICE -PRACTICAL APPLICATIONS IN THE TESOL CLASSROOM

Focuses on Communicative Language Teaching (CLT). Extends students' knowledge of the general trends in methodology learned in CLN612, by providing a theoretical basis for CLT and various opportunities to apply the theoretical framework to classroom practice.

**Courses:** ED14, ED77

**Prerequisites:** CLN612 **Corequisites:** CLN612

**Contact hours:** 3 per week **Credit Points:** 12

### ► CLN642 GRAMMAR FOR TEACHERS

Assists language teachers develop a better understanding of grammar and its place in the teaching and learning of a second language. Participants will develop their own language awareness as well as explore a range of strategies and techniques for the effective integration of grammar instruction into language programs.

**Courses:** ED14, ED77

**Prerequisites:** CLN608, CLN612

**Corequisites:** CLN608, CLN612

**Contact hours:** 3 per week **Credit Points:** 12

### ► CLN643 ENGLISH LANGUAGE TEACHING MANAGEMENT

Examines a range of issues of relevance for ESL program directors and managers, such as organizational cultures, educational leadership and human resource management in TESOL; the role of teachers in the TESOL service industry; legal and industrial contexts of TESOL in Australia; TESOL marketing, promotion and funding; and the implications of globalised English language teaching.

**Courses:** ED14, ED77

**Contact hours:** 3 per week **Credit Points:** 12

### ► CLP501 SOCIO-CULTURAL ISSUES IN EDUCATION

Examines socio-cultural contexts of schooling; the pastoral care and special needs industries; resistance and disruption in schools; disability and integration.

**Courses:** ED28, ED61

**Contact hours:** 3 per week **Credit points:** 12

### ► CLP509 DIRECTED STUDY

An individually designed unit which allows students, under the staff supervision, to increase their knowledge relevant to teacher-librarianship.

**Courses:** ED25

**Credit points:** 12



## UNIT SYNOPSES

### ▶ CLP518 VISUAL LITERACY AND RESOURCE DESIGN

Visual literacy; learning styles; interpretation; design and evaluation of visually-based resources.

**Courses:** ED25

**Credit points:** 12

### ▶ CLP527 LEARNING IN THE INFORMATION AGE

Offers educators a theoretical and practical context for exploring how technology is used in learning. This entails understanding how current societal and institutional changes are redefining the relationship between learning and technology in what has been called 'the information age'. Opportunities for reflective practice on learning about, through, and with technology will be provided.

**Courses:** ED25, ED61

**Credit points:** 12

### ▶ CLP528 LITERARY AND POPULAR RESOURCES FOR LEARNING

Addresses issues related to resourcing the curriculum and to prepare educators to cater for the recreational needs and interests of young people. Students are required to read widely and critically contemporary literature written for young people, to become familiar with and critique educational resources in a variety of print and electronic formats, to be alert to the learning resource implications of changing curricula, and to consider the resource needs of students that extend beyond the classroom, yet influence their learning.

**Courses:** ED25, ED61

**Credit points:** 12

**Campus offered:** EXT

**Semester:** 1

### ▶ CLP529 COMMUNICATION WITHIN AN INFORMATION ENVIRONMENT

Theories and practice of interpersonal communications, management and leadership issues which professionals can apply and evaluate in managing information within their own work environment.

**Courses:** ED25, ED61

**Credit points:** 12

### ▶ CLP530 ACCESSING INFORMATION SOURCES

The search process and search strategies; effective utilisation of library catalogues and other services for the retrieval of information; basic reference and information sources; effective searching the World Wide Web; evaluation of information and of methods of finding it.

**Courses:** ED25, ED61

**Credit points:** 12

### ▶ CLP531 FIELD PROGRAM

Principles and practice of school library resource centre administration and management, including study of library environment, administrative systems and staff management; study of the literature of the field, and of work practices through experience in at least two sites.

**Courses:** ED25

**Credit points:** 12

### ▶ CLP532 BIBLIOGRAPHIC ORGANISATION

Library systems for the organisation of information; development of effective, user-friendly catalogues, with automation where appropriate; study of SCIS (School Catalogue Information Service)/AACR (Anglo-American Cataloguing Rules) cataloguing guidelines, SCIS subject headings, and Dewey Decimal Classification; study indexing and other bibliographic helps to accessing information in books and other library holdings.

**Courses:** ED25

**Credit points:** 12

### ▶ CLP534 CONTEMPORARY PUBLISHING: TRENDS AND PRACTICES

This unit will provide students with a knowledge of contemporary publishing trends in print and digital formats from cultural, educational and commercial perspectives. The unit will also enable students to develop appropriate skills for the critical evaluation, design and production of a range of publications for both in-house and wider distribution.

**Courses:** ED25

**Credit points:** 12

### ▶ CNB101 CONSTRUCTION 1

An introduction to the discipline of construction highlighting the role of construction in society and the role and requirements of local authorities

for both domestic and residential construction projects. Construction concepts to be covered include foundation and footings; timber framed structures; masonry and other claddings; roofing construction and materials; internal linings; joinery; site preparation; drainage systems; and landscape retaining walls. The unit extends to residential multilevel units considering issues such as suspended ceilings; suspended concrete floors; acoustic and fire safety requirements; and timber framed multi-level construction. The unit includes drafting of construction details and specifications for residential construction.

**Courses:** CN51, CN53

**Corequisites:** CNB102

**Contact hours:** 5 per week

**Credit points:** 12

**Semester:** 1

### ▶ CNB102 BUILDING TECHNOLOGY 1

This unit comprises an integrated study of material science in two parts. The first is a study of the major structural materials used in construction - timber, masonry, steel and concrete. The second part deals with the non-structural materials used in construction and includes non-ferrous metals, adhesives; sealants, PVC, coatings, board products, glass, bitumen and asphalt. The topics covered include manufacture; physical properties, acoustic and thermal properties and issues such as cleaning, maintenance, corrosion protection, fire protection, deterioration and ageing. Sustainable development and material recycling are also considered. The bias is towards those characteristics that affect a constructor rather than a designer. Practical laboratory sessions are undertaken to introduce the students to a range of standard tests and to demonstrate material behaviour.

**Courses:** CN51, CN53

**Corequisites:** CNB101

**Contact hours:** 4 per week

**Credit points:** 12

**Semester:** 1

### ▶ CNB105 SURVEYING AND DATA ANALYSIS

This unit comprises two components - land studies and surveying, and data analysis. The land studies and surveying component will provide a basic coverage on land issues such as permits of land; ownership and possession; estates and interests in land; easements; party walls, boundary walls, fences and encroachments. Concepts of surveying and measuring: revision of trigonometry; functions of levels and levelling; reading and recording observations; 2-peg test; linear measurement; correction to measurements; the theodolite; angles and bearings; traverses and traverse calculations; setting out; contour and volumes; maps; cadastre. The data analysis component is an introduction to maths and includes unit conversions, manipulation of equations, estimation of accuracy and errors; trigonometry; vectors and their applications. Introduction to statistics including population and samples, descriptive statistics, uncertainty and probability, sampling and distribution, frequency distribution, confidence limits, hypothesis testing for proportions and normal and Student's distributions, introduction to linear regression.

**Courses:** CN51, CN53

**Contact hours:** 3 per week

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ▶ CNB106 TECHNICAL COMMUNICATIONS

This unit comprises two components - professional writing and communications, and introduction to computing. The professional writing and communication component examines the writing and learning processes; library techniques; grammar and styles; drafting processes; report writing; proposals and instructions; presentation strategies and skills. The introduction to computing component provides a general introduction to computing, computing at QUT, information literacy and information skills, use of word processing packages, use of presentation packages, essential skills with spreadsheet packages.

**Courses:** CN51, CN53

**Contact hours:** 4 per week

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ▶ CNB107 CONSTRUCTION 2

This unit includes a study of the materials, methods and construction of industrial and low-rise commercial buildings including site management techniques, temporary works and plant requirements. These building types are examined with regard to environmental, structural and aesthetic requirements taking into account constraints such as cost, dimensional requirements, statutory regulations and erection requirements. General topics to be examined include site management; construction plant, labour and temporary works; in-ground construction including footings, slabs and basements; and external treatments including landscaping and pavements. Specific topics related to low-rise commercial buildings include reinforced concrete construction and management; structural framing forms and actions; load-bearing masonry; cladding; services co-ordination and internal fitout. Specific topics related to industrial buildings include structural frame forming forms and actions; bracing and stability; cladding and services. Tilt panel construction is also examined in detail.

**Courses:** CN51, CN53

**Prerequisites:** CNB101

**Corequisites:** CNB108

**Contact hours:** 5 per week

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ▶ CNB108 BUILDING TECHNOLOGY 2

A study of the physical behaviour of structural members by an examination of tension, compression, bending, shear and the concepts of stability, equilibrium, and load paths. Domestic structural design is introduced through the use of TRADAC publications. The unit involves a level of quantitative technique but the emphasis is on qualitative and approximate methods.

**Courses:** CN51, CN53

**Prerequisites:** CNB102

**Corequisites:** CNB107

**Contact hours:** 3 per week

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ▶ CNB109 PROFESSIONAL STUDIES 1

This unit is based on a single project in which the students are required to prepare a full design of a single level brick-veneer type dwelling to a standard appropriate for submission to a local authority. In addition to this design, the students are also required to investigate construction and materials costs and prepare a time plan for the construction of the dwelling. The student is encouraged to make use of all information sources, both within and outside the University, and to communicate with the community, professionals, practitioners and government officials. The specific study areas covered within this unit include architectural design, structural design, construction materials, building services design, measurement and costing and construction planning and site layout.

**Courses:** CN51, CN53

**Prerequisites:** CNB101

**Contact hours:** 4 per week

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ▶ CNB110 MEASUREMENT 1

This unit introduces the role of the Quantity Surveyor and the use of Bills of Quantities. It also covers the measurement of sample work sections. An introduction to the scope of the traditional and developing role of the Quantity Surveyor. The tendering process and the bill of quantities. The Australian Standard Method of Measurement, rules, taking off methodology, mensuration and formulae. The measurement of various work sections to a domestic scale, including finishes, roofing, partitions, woodwork, metalwork, painting, doors, windows, glazing, hardware, suspended ceilings, access floors, masonry and stonework.

**Courses:** CN51, CN53

**Contact hours:** 5 per week

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ▶ CNB120 ECONOMICS IN THE

CONSTRUCTION INDUSTRY  
The unit explores the economic aspects of the property and construction activity. In order to appreciate the commercial nature of property and construction activity, it is essential that students develop a broad understanding of the economic framework surrounding these industries. On completion of this unit generic skills in general

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problem solving and specific attributes including a body of economics knowledge as it applies to the construction industry will be developed.

**Courses:** CN53

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP                      **Semester:** 2

### ► CNB190 INTRODUCTORY STUDIES

This subject is divided into four distinct but inter-related areas: (a) It examines tertiary learning and the processes necessary for effective and successful study, (b) It satisfies the need of professionals to complement their technical expertise with excellent writing and oral presentation skills, (c) Introduces the student to the versatility of the modern desktop computer and software packages and how they may be used to assist in the provision of professional services, (d) Introduces students to information retrieval techniques in accord with current Information Literacy program development.

**Courses:** CN54

**Credit points:** 12  
**Incompatible with:** CNB181  
**Campus offered:** GP                      **Semester:** 1

### ► CNB191 PROPERTY LAW 1

Topics covered within the content of this unit are: Legal principles and process, the legal system and process; sources and divisions of the law; rules of precedence; interpretation of statutes and regulations; legal practice and procedure; elements of law of property, including ownership and possession, estates and interests in land; easements, rights and restrictive covenants; party walls, boundary walls, fences and encroachments.

**Courses:** CN54

**Credit points:** 12  
**Incompatible with:** CNB183  
**Campus offered:** GP                      **Semester:** 1

### ► CNB192 BUILDING STUDIES 1

The unit introduces students to the principles and methods of domestic construction. For each of the building types covered, common construction faults and defects are also addressed. Drafting tutorials are used to reinforce the lecture material and as a means of teaching to the students to read and understand building documents. The opportunity is taken at this time to introduce such issues as how to measure building areas and how to examine the interrelationship between the documents prepared by the various building consultants. In order to provide an additional self directed learning process, and to bring the lectures into three dimensional reality, each student is required to visit relevant building sites and to photograph and report on the construction methods and techniques being used.

**Courses:** CN54

**Credit points:** 12  
**Incompatible with:** CNB182  
**Campus offered:** GP                      **Semester:** 1

### ► CNB193 PROPERTY LAW 2

This subject covers legal aspects of the auctioneer and agents act, residential tenancies act, land sales act, building unit and group titles act, laws of principle and agents, body corporate management, law of partnership, company law and bankruptcy and liquidation, the law of torts, fair trading and misrepresentation.

**Courses:** CN54

**Prerequisites:** CNB191  
**Credit points:** 12 **Incompatible with:** CNB283  
**Campus offered:** GP                      **Semester:** 2

### ► CNB194 PRINCIPLES OF PROPERTY VALUATION

This subject will be structured to assist student learning across the three component areas of: the market; the profession; and the methods. This will be achieved through coverage of the following topics : character of the property market and open market value; legal interests in property and property types; valuation process and methods for freehold property interests; data collection; factors influencing open market value; report writing and oral presentation; codes of professional practice; and the identification of other legal entities of landed interests.

**Prerequisites:** BSB113

**Corequisites:** EFB102  
**Credit points:** 12 **Incompatible with:** CNB180  
**Campus offered:** GP                      **Semester:** 2

### ► CNB201 CONSTRUCTION 3

This unit provides an introduction to the unique character of high-rise construction and the significance of construction management. The unit includes a detailed appraisal of the techniques used for deep excavation and foundations with the implications of uncertainty on the management of cost and time. The unit provides a progressive development of the structure from the basement to the roof, emphasising the cyclical nature of the process and the specialised equipment required. Construction studies continue with alternative forms of external cladding and the attendant access and waterproofing problems of each and conclude with the services, internal outfitting and maintenance facilities peculiar to high-rise buildings.

**Courses:** CN51, CN53

**Prerequisites:** CNB107  
**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** GP                      **Semester:** 1

### ► CNB202 BUILDING TECHNOLOGY 3

This unit comprises two components - structural principles and formwork. The structural principles component extends the basic design knowledge developed in Building Technology 2 to allow you to undertake basic structural member design of timber, steel and concrete members in tension, compression, bending and shear loads. The emphasis is on approximate or 'first order of magnitude' techniques suitable for estimating or checking purposes. The behaviour of other structural systems such as trusses and retaining walls is also introduced, together with construction stability and an examination of structures such as cranes, shoring, scaffolding and slings. The emphasis will be qualitative rather than quantitative. The formwork component examines the structural, quality and construction requirements for both single level and multi-level formwork. Formwork types and issues to be considered include materials and components; surface finish; wall, column, stair, soffit and beam forms; permanent formwork, construction cycle requirements and assembly issues.

**Courses:** CN51

**Prerequisites:** CNB102  
**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP                      **Semester:** 1

### ► CNB203 BUILDING SERVICES

The unit studies the services required in low rise and high rise buildings commencing with a study of community supplied services, the provision of headworks and the temporary services required during construction and moves to permanent water supply, fire protection and waste disposal systems. The unit continues with types of ventilation, air-conditioning systems and heating with a bias to installation procedures and the issue of confined spaces. Electrical services are studied through theoretical concepts and the first-order matching of electrical equipment to demand and cover the topics of terminology and symbols used to describe electrical circuitry, statutory codes and regulations and the responsibilities of building owners and developers. Vertical transportation systems are studied through planning implications, preliminary cost forecasting and the effect on construction practices and access. The unit concludes with studies of the internal environment and health issues including noise and vibration assessment and reduction, electrical energy management and commissioning responsibilities.

**Courses:** CN51, CN53

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP                      **Semester:** 1

### ► CNB204 MEASUREMENT 2

This unit consists of measurement of various work sections to more complex works, in accordance with the Australian Standard Method of Measurement. Work sections to include concrete, formwork, reinforcement, groundworks, underpinning, tanking, structural steelwork, exterior elements and demolition. The development and application of Builders' quantities.

**Courses:** CN51, CN53

**Prerequisites:** CNB110  
**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** GP                      **Semester:** 1

### ► CNB206 LAW 1

This unit consists of three components: Safety Management and the Law, Law of Torts, and Contract Law. Safety management and the law: A study of the Workplace Health and Safety Act 1989/1990, the regulations that apply and Codes of Practice. The application of this legislation to the production of a Site Safety Management Plan. Case Studies in addressing safety on building sites. Law of tort: Negligence, professional negligence, duty of care, liability, occupier liabilities, nuisance, fraud and conversion. Contract Law: Elements of contract, offer, acceptance, certainty and consideration, content of a valid contract, misrepresentation, collateral contract, implied terms; formal requirements and part performance; contract documents and their interpretations; remedies for breach of contract; recovery of payment for work done, concept of entire contract, substantial performance and quantum meruit.

**Courses:** CN51, CN53

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP                      **Semester:** 2

### ► CNB207 PROFESSIONAL STUDIES 2

The aim of the unit is to provide the opportunity for students to experience the type of decisions met in professional practice and to acquire the investigating skills needed to support a rational approach to problem solving. The lecturing program is limited to a few sessions dealing with topics new to the students and relevant to the project. These will normally be related to environmental matters and special construction techniques. Each project is set to develop self-learning skills in the areas of environmental issues, construction practice, planning, community negotiations, commercial decisions and statutory responsibilities.

**Courses:** CN51, CN53

**Prerequisites:** CNB109  
**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP                      **Semester:** 2

### ► CNB208 CONSTRUCTION BUSINESS MANAGEMENT 1

Examination of a range of general business management practices and issues as they relate to the construction industry. Specific topics to be examined include understanding individuals and organisations; personality and attitudes; personal and professional business ethics; motivation and employee performance; managing stress, conflict, change, power and politics; communication; group functions; decisions making processes. Further, this unit examines industrial relations including the impact of industrial relations in the construction industry; the role of unions; labour management; health and safety; workplace reform and workplace agreements.

**Courses:** CN51, CN53

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP                      **Semester:** 2

### ► CNB209 THE ENVIRONMENT AND THE QUANTITY SURVEYOR

The professional environment including image and status, scale of fees and charges, codes of ethics, terms of engagement, indemnity insurance, quality assurance, the APC and CPD. Facilities economics including, premises audit, energy and maintenance audits and asset registers. Environmental economics and sustainable development including, cost benefit analysis, environmental impact statements, policy initiatives, development guidelines and legislation.

**Courses:** CN53

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP                      **Semester:** 1

### ► CNB227 APPLIED COMPUTING

The unit consists of three major components: the advanced application of spreadsheet and databases; the application of construction management packages; and the integration of computer software in a construction management environment. A range of computer products will be introduced to cover construction management topics such as project scheduling, project control, estimation, and cost monitoring.

**Courses:** CN52, CN53

**Contact hours:** 4 per week    **Credit points:** 12  
**Incompatible with:** CNB304

Campus offered: GP

Semester: 2

► **CNB290 BUILDING STUDIES 2**

Building Studies 2 continues to develop the students' construction knowledge with reference to larger commercial and high-rise buildings. Lectures provide a general overview of advanced construction methods while developing students appreciation of such issues as material finishes, interior fit-outs, typical problems and solutions and interior and exterior component finishes, and fault identification and remedy. The unit examines the history and need for cost control, comparisons between cost planning and approximate estimating. NPWC cost control systems. Effect of height, shape and building efficiency upon cost and value. Functional requirements and cost implications of construction methods. Influence of site and market conditions and economics of prefabrication and industrialisation. Building cost databases and indices, cost checking and analysis. Value management and life cycling costing. Introduction to tax depreciation and tax effective design. No drawing is undertaken in the semester, but students are regularly exposed to consultants' drawings of major commercial buildings and are required to prepare information on areas, finishes, partition types, etc and to consider such issues as suitability of the building for change of occupancy.

Courses: CN54

Credit points: 12

Incompatible with: CNB282

Campus offered: GP

Semester: 1

► **CNB291 URBAN ECONOMICS**

The unit builds on the student's previous exposure to economic theory and applies that knowledge to assist the student's appreciation of the economic imperatives which drive and shape urban development. Topics covered will include: economic processes in spatial and land use development; urban growth theory; competing land use; supply and demand in the pricing of urban property; The concept of the 'rent bid curve'; business location theory; the impact of land based communications corridors on price; technology and footloose location theory; planning and government control on free market pricing; environmental and heritage issues; and local government regulation and by-laws.

Prerequisites: BSB113, EFB102

Credit points: 12 Incompatible with: CNB184

Campus offered: GP

Semester: 1

► **CNB292 PROPERTY INVESTMENT VALUATION**

This unit develops further the basic property valuation principles introduced in CNB194, Principles in Property Valuation. The emphasis now moves to the valuation of income producing property assets which are more commonly termed 'investment properties'. Topics covered include the mathematics of freehold and leasehold property valuation utilising the time value of money formula as exhibited in the capitalisation of net income and discounted cash flow approaches.

Courses: CN54

Credit points: 12

Incompatible with: CNB286

Campus offered: GP

Semester: 1

► **CNB293 REAL ESTATE ACCOUNTING AND TAXATION**

Financial accounting: period versus project income determination, inventory valuation and costs of goods sold, introduction of asset valuation theories, depreciation, intangible asset determination, effects of taxation. Analysis and interpretation of financial statements; multiple factors in interpretation of financial statements; multiple factors in interpretation, analysis principles for business brokerage. Asset valuation: conventional bases for valuation, current cost, replacement cost general price level changes, effects in depreciation and taxation. Business structures: sole trader, partnerships, companies and appropriate accounting procedures. Business analysis and assessment of value for business brokerage. Project accounting, contracts, payments, interim project determination, development costs. The implications of current taxation regimes on; investment and development profitability and project funding. Interpretation

of income and capital gains tax and the GST. Deductions and allowances, gearing (negative gearing), depreciation and building amortisation.

Courses: CN54

Credit points: 12

Incompatible with: CNB280

Campus offered: GP

Semester: 1

► **CNB294 REAL ESTATE AGENCY AND MARKETING**

Real Estate Agency Practice introduces management techniques required to operate a real estate practice, and the establishment, or the purchasing, of an agency or rent roll. Consumer and business ethics are covered together with the implications of the Trade Practice and Fair Trading Acts. Issues affecting real estate practice and the associated responsibilities are linked to real estate practice viability, profitability, risk management and professional indemnity.

The subject covers the requirements of the Australian National training body competency standards to ASF 5+6+7 incorporating units 1, 2, 3, 7.18, 11, 12, 19, 20, 21. The student will be introduced to the concepts of perception, motivation, personality development, group dynamics, leadership styles, employee selection, negotiation, dispute resolution, as well as examining in detail the real estate agency industry structure, procedures, documentation and codes of ethics and the marketing of freehold and leasehold residential, commercial and specialised real estate investment properties.

The property marketing element of the subject cover the requirements and standards set down in the Australian National Training Body Guidelines (2nd edition) 1993 (and amendments if any) to competency levels ASF 3, 4 for the Real Estate Industry, incorporating field units 6, 17, in ASF 3 and field units 5, 14, 15, 16, 8, 9, 10, 13, 20, 21 in ASF 4 covered during the course lecture. Deliveries of some elements interlink with Law 1, Accounting, and Property Management.

Courses: CN54

Prerequisites: CNB191

Credit points: 12

Incompatible with: CNB185, CNB281

Campus offered: GP

Semester: 2

► **CNB295 PLANNING THEORY AND PROCESSES**

Development of land use in most western democracies is a controlled and regulated activity. This unit examines the history and morphology of planning control in the Queensland context and its impact on property markets. Topics covered will include: Introduction to the emergence of fundamental principles of urban planning control and regulation in Queensland; the statutory planning process and current Queensland legislation; urban and regional planning on matters of equity and social responsibility; types of planning controls; detailed coverage of current development planning approval and appeals processes; conservation and heritage protection and its impact on development and land use rights and economic value, and the concepts and impact of regional planning and special development zones.

Courses: CN54

Prerequisites: CNB291

Credit points: 12 Incompatible with: CNB380

Campus offered: GP

Semester: 2

► **CNB296 CONTEMPORARY ISSUES**

This unit is deliberately open ended and flexible with regard to content. Issues facing the property industry can be varied, wide-ranging and arrive as an issue as rapidly as it can fade. Content therefore is likely to vary from year to year as issues gain prominence and then recede. Current topics which may be covered might include: Native Title; Heritage; Contamination; Environmental and Sustainability; Professional Issues; Internationalisation of Property Markets; Water Rights; Demographics; Regional and Rural Issues, and Common Property Rights.

Courses: CN54

Credit points: 12

Incompatible with: CNB285

Campus offered: GP

Semester: 2

► **CNB302 CONTRACT ADMINISTRATION**

This unit consists of the following: Duty to the contract vs. duty to the client and employer. Standard form contracts vs. uniquely drafted

conditions; Special conditions of contract, contract addenda, contract documentation, Bills of Quantities, Precedence of documents. Procurement Systems. Tender Code, Insurances. Sub-contractors and nominated sub-contractors, adjustment of provisional sums, variations, interim claims and certificates of payment, forms of security, bank guarantees and retention, counting of days, delays, extensions of time, liquidated and ascertained damages, prolongation costs, practical completion, completion, defects liability, warranties, collateral warranties, final accounts.

Courses: CN51, CN53

Contact hours: 3 per week Credit points: 12

Campus offered: GP

Semester: 1

► **CNB303 CONSTRUCTION BUSINESS MANAGEMENT 2**

The nature and scope of economics is studied which includes production, demand, supply, equilibrium and disequilibrium, theory of the firm, macroeconomic theory and the nature of the construction industry. Accounting theory and practice is introduced covering financial accounting (recording accounting information and basic financial statements, company accounts, cash flow statements, interpretation of accounts), cost and management accounting (basic cost accounting procedures, direct and indirect costs, marginal and standard costing, product costing systems and budgetary control) and financial management (cost of capital, managing working capital, share values, mergers, takeovers, and buyouts).

Courses: CN51, CN53

Contact hours: 3 per week Credit points: 12

Campus offered: GP

Semester: 1

► **CNB305 CONSTRUCTION ESTIMATING**

The unit commences with an introduction to the relationship of the professions involved in estimating and to the techniques available to quantify cost. Studies of the fundamental elements of cost follow leading to detailed methods of evaluating labour, materials and equipment to realistic levels of accuracy. The unit continues with development of the use of rates and constants in assessing base estimates for major building trades and the assessment of offers from sub-contractors.

The student's understanding is broadened by the introduction of the concept of functional estimating and the significance of construction methods to the assessment of non-standard work. The unit continues with the role of management in the appraisal of estimates, the evaluation and offsetting of risk, the significance of competition, the determination of profit and the benefit to both parties of tender letters. Negotiating practices prior to the award of contract and the application of estimating techniques to variations and to profit monitoring conclude the study.

Courses: CN51, CN53

Contact hours: 4 per week Credit points: 12

Campus offered: GP

Semester: 1

► **CNB306 CONSTRUCTION BUSINESS MANAGEMENT 3**

This unit introduces the process of structuring construction budget documents to provide control mechanisms or cost monitoring and purchasing. The issues surrounding dealings with sub-contractors during the initial negotiations and through the subsequent execution of the contract are studied. Dealing with the client on variations in the physical work and the consequences on time are developed. The Construction Safety Act, the Workers Compensation Act and the Environmental Protection Act are studied in detail and the consequences on site operations are explored. The unit concludes with a study of the techniques for the prediction of profitability and the procedures for claiming final payment and finalising the contract.

Courses: CN51

Contact hours: 3 per week Credit points: 12

Campus offered: GP

Semester: 1

## UNIT SYNOPSES

### ► CNB307 BUILDING ECONOMICS AND COST MANAGEMENT

The principles of cost management, including cost planning and cost control, within various procurement systems. Alternative approaches and formats to cost reporting. The application of design and production economics including cost modelling, life cycle costing, tax depreciation, sinking funds, value management and production costs. An analysis of risk management in cost planning and cost control.

**Courses:** CN51, CN53  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► CNB308 PROFESSIONAL STUDIES 3

In the first stage of the unit students are introduced to the 'Committed' computer simulation in which they make decisions relating to a construction management contract for a complex industrial project while monitoring profitability and time. In stage two the students advance to decisions related to the overall management of a building company using the computer simulation 'Arousal' in the areas of staffing, tendering policy and tactical positioning. The concepts in the simulations are supported by discussion groups and role playing.

**Courses:** CN51, CN53 **Prerequisites:** CNB207  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► CNB309 LAW 2

This unit consists of: Sale of goods; hire purchase; negotiable instruments; insurance law; partnership law. Principles of company law; effects of incorporation, limited liability, limits of the separate entity doctrine. Bankruptcy and liquidation; Arbitration, the agreement, comparison with actions at law, reference by consent, appointment of an arbitrator, conduct of an arbitrator, powers and duties, rules of evidence, enforcement of an award, costs. Alternative dispute resolution and mediation.

**Courses:** CN51, CN53 **Prerequisites:** CNB206  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► CNB310 MEASUREMENT 3

The measurement of building services including hydraulics, drainage, mechanical and electrical services. An introduction to basic techniques in computer modelling, simulation and computer-aided design. The impact of these technologies on traditional measurement and quantity surveying in general.

**Courses:** CN53 **Prerequisites:** CNB204  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► CNB335 TIME MANAGEMENT

This unit introduces the concept of time and construction scheduling and emphasises their importance in the control of construction projects. The unit includes an in-depth study of project time and resource planning techniques such as bar charts, critical path networks (precedence, time scales, and activity on arrows), line of balance, resource allocation and levelling, schedule updates and progress control.

**Courses:** CN51, CN53  
**Contact hours:** 4 per week **Credit Points:** 12  
**Incompatible with:** CNB304  
**Campus offered:** GP **Semester:** 1

### ► CNB390 PROFESSIONAL PRACTICE

Professional experience forms an integral part of the property course. This unit seeks to provide students with a fully supervised work experience in support of their academic program, in a University approved placement. The unit is fully supported by the Australian Property Institute and the Institute plays a key role in monitoring student/host interaction to ensure students receive the best quality experience possible.

**Courses:** CN54  
**Prerequisites:** Completion of year 1 & 2 units  
**Credit points:** 24  
**Campus offered:** GP **Semester:** 1

### ► CNB391 STATUTORY AND APPLIED VALUATION

Valuers are often called upon to perform valuations of special use properties and for statutory

purpose and to represent those valuations as an expert witness. Contact includes. Valuations for tax and taxation of capital gains; statutory rating purposes under relevant legislation including computer assisted mass appraisal; appeals procedure; compulsory acquisition. Assessment of compensation resulting from acquisition, resumption and damage. Evidence: the expert witness and professional liability; moot court and an introduction to the valuation of special purpose properties and businesses as a going concern.

**Courses:** CN54 **Credit points:** 12  
**Incompatible with:** CNB382  
**Campus offered:** GP **Semester:** 1

### ► CNB392 PROPERTY INVESTMENT ANALYSIS

Topics covered will be: the principles and strategies of investment; alternative forms of investment; real estate as an investment medium; the real estate investment process; property ownership structures; initial feasibility analysis; detailed cash flow analysis involving NPV and IRR analysis; the modified internal rate of return (MIRR) approach; sensitivity and probability analysis; market analysis and real estate cycles; institutional property investment; risk analysis and risk management.

**Courses:** CN54 **Credit points:** 12  
**Incompatible with:** CNB381  
**Campus offered:** GP **Semester:** 2

### ► CNB393 PROPERTY AND ASSET MANAGEMENT

Property Management provides a detailed insight into all aspects of property management, from residential management progressing through to the more specialised industrial, commercial and retail centre management. In addition, this subject will address life cycle analysis and incorporate units of competency standards ASF 16, 17, 18, 19. Upon completion of this subject students will be competent in property management theory at all levels and will have an understanding of: 1. Promotion of rental property, 2. Tenant selection and application of client instructions, 3. Documentation preparation and drafting, 4. Completion of Statutory Documentation, 5. Tenancy transaction recording and management, 6. Property inspections and security, 7. Property maintenance and management, 8. Lease renewal and negotiation, 9. Termination of tenancies, 10. Corporate Management, and 11. Dispute and conflict resolution in management of property.

**Courses:** CN54  
**Prerequisites:** CNB191, CNB191, CNB192, CNB290, CNB293, CNB292  
**Credit points:** 12 **Incompatible with:** CNB386  
**Campus offered:** GP **Semester:** 2

### ► CNB394 PROPERTY DEVELOPMENT

Data will be provided on the Australian urban economic environment to enable students to gain knowledge of the various development sectors. Students will be exposed to various planning, building, legal, financial and environmental acts and conditions. Knowledge gained will be applied to a range of case studies across various development sectors.

**Courses:** CN54  
**Prerequisites:** CNB292 **Corequisites:** CNB392  
**Credit points:** 12 **Incompatible with:** CNB380  
**Campus offered:** GP **Semester:** 2

### ► CNB395 RESEARCH METHODS

The student selects a real estate related topic (approved by an appointed supervisor) for research and dissertation writing. Note: Students who do not qualify to proceed to the research project phase choose a third elective in lieu of this unit. Student who are permitted to proceed may opt to take a third elective instead of the research project after consultation with the Course Coordinator.

**Courses:** CN54 **Credit points:** 12  
**Incompatible with:** CNB383  
**Campus offered:** GP **Semester:** 2

### ► CNB402 INVESTMENT THEORY

This unit introduces the concepts of valuation, types of landed property, income, and ownership costs and capitalisation rates. The unit also examines investment theory covering a range of concepts including NPV, IRR and MIRR.

**Courses:** CN51, CN53

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

### ► CNB407 PROFESSIONAL INVESTIGATION AND REPORTING

Introduces a range of applied methodologies and designs as appropriate, within the context of the construction industry, to both business reports and research dissertations. The unit considers both qualitative and quantitative investigations, data analysis, hypotheses formulation and applied information retrieval. A short research report will be developed which will, in conjunction with the theory presented in the unit, prepare the student for the formal in-depth Research Report (CNB413).

**Courses:** CN51, CN53  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

### ► CNB408 ADVANCED BUILDING AND CIVIL CONSTRUCTION

The unit introduces students to the different demands of the building and the civil engineering approach to construction and highlights the significance of temporary works and the inherent need for planning and safety. Detailed studies cover the methods and equipment employed in the execution of earthworks, heavy foundations, steel fabrication and erection, marine, water retaining structures, roadworks and bridges, mechanical erection and process plants. The unit concludes with the broader issues of environmental management, construction weather forecasting and the issues associated with work in remote locations.

**Courses:** CN51, CN53  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

### ► CNB409 PROFESSIONAL PRACTICE 1

To ensure that relevant professional experience is gained prior to graduating, students are required to obtain a minimum of 100 days approved employment. A verified log book and diary is maintained by the student and forms the focus of discussion during meetings with the units coordinator at the student's place of work. The student is also required to draw from their experience in order to identify a suitable topic to form the basis of a case study.

**Courses:** CN51, CN53  
**Prerequisites:** To be taken in final year of course

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

### ► CNB410 DEVELOPMENT PROCESSES

The unit examines data on the Australian urban economic environment enabling students to gain knowledge of the various development sectors. The unit will examine various planning, building, legal, financial and environmental acts and conditions. The knowledge developed will be used to analyse a range of case studies across various development sectors.

**Courses:** CN51, CN53  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► CNB413 RESEARCH REPORT

The research report provides the student with an opportunity to apply and reinforce knowledge gained from the course. The report must reflect the student's ability to conceptualise, theorise and implement an appropriate program of research. The student may choose, within certain guidelines, a topic of their choice and will be individually supervised throughout the duration of the unit.

**Courses:** CN51, CN53 **Prerequisites:** CNB407  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► CNB420 CURRENT CONSTRUCTION ISSUES

This unit is an integrative study area with two main strands of integration: the integration, under the construction management umbrella, of areas already studied; and the integration of recent and topical developments in the area of construction management. Study areas covered by this unit will vary from year to year as advances

## UNIT SYNOPSES

are made in construction and construction management, but may include quality management; buildability; value analysis; case studies; computer applications and selection; information systems; international construction management; recent developments in law; cultural influences in construction; and new construction technologies and methodologies.

**Courses:** CN51

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP                      **Semester:** 2

### ► CNB423 PROFESSIONAL PRACTICE 2

The unit is a continuation of Professional Practice 1 (CNB 409). The requirement for a verified log book and diary is maintained and forms part of the final submission. A written report based on the development of the case study identified in CNB409 is also required. The student must attend evening and weekend workshops designed to assist the preparation of the verbal presentation of the case study and further evenings or weekend sessions to make the presentation.

**Courses:** CN51, CN53

**Prerequisites:** To be taken in final year of course.

**Contact hours:** 3 per week    **Credit points:** 12

### ► CNB433 DISSERTATION A

Introduces a range of applied methodologies and designs as appropriate, within the context of the construction industry, to both business reports and research dissertations. The unit considers both qualitative and quantitative investigations, data analysis, hypotheses formulation and applied information retrieval. A short research report will be developed which will, in conjunction with the theory presented in the unit, prepare the student for the formal in-depth Research Report (CNB413).

**Courses:** CN51, CN53

**Contact hours:** 3 per week    **Credit points:** 12  
**Semester:** 1, 2

### ► CNB434 DISSERTATION B

The research report provides the student with an opportunity to apply and reinforce knowledge gained from the course. The report must reflect the student's ability to conceptualise, theorise and implement an appropriate program of research. The student may choose, within certain guidelines, a topic of their choice and will be individually supervised throughout the duration of the unit.

**Courses:** CN51, CN53    **Prerequisites:** CNB433

**Contact hours:** 3 per week    **Credit points:** 12  
**Semester:** 2

### ► CNB490-1/2 RESEARCH DISSERTATION

Student will embark on a research project culminating in the presentation of written dissertation on a topic of their choice. Progression will be closely monitored and assistance provided by individual supervisors who will guide the student through the process.

**Courses:** CN54

**Prerequisites:** CNB395    **Credit points:** 24  
**Incompatible with:** CNB387    **Semester:** 1, 2

### ► CNB491 RURAL VALUATION

The unit utilises skills and knowledge learned from earlier units and applies these attributes to the valuation of rural assets. In particular this unit examines the physical and economic factors of rural land and its development, land utilisation and degradation, farm management and productivity, and extraneous factors influencing rural valuations. Rural sales, and valuation procedures are analysed and physical inspections organised to assist the student with gaining practical experience.

**Courses:** CN54

**Prerequisites:** CNB492  
**Credit points:** 12    **Incompatible with:** CNB184  
**Campus offered:** GP                      **Semester:** 2

### ► CNB492 BUSINESS AND SPECIALIST VALUATION

Knowledge and skills developed in earlier units are applied to the process of valuing special purpose properties and going concerns. Content includes applications of the profits method of valuation, valuation of business assets; tangible, intangible and technical plant and machinery

valuation; valuation of licensed premises, hotels and resorts. Valuation of regional shopping areas; heritage valuations and valuation of transferable development rights. Valuation of terminable interests. Public sector and institutional investment valuation.

**Courses:** CN54

**Prerequisites:** CNB292  
**Credit points:** 12    **Incompatible with:** CNB382  
**Campus offered:** GP                      **Semester:** 2

### ► CNB493 ADVANCED PROPERTY VALUATION AND ANALYSIS

The unit will explore and analyse a variety of contemporary property valuation and analysis techniques as well as techniques used in connection with other asset classes to assess their relevance to investment property analysis. Special attention will be paid to a study of the effects of taxation and finance and the analysis methods associated with net of tax and finance investment performance measurement. The concept of sensitivity analysis introduced in earlier units will be further developed with the introduction of probability modelling methods such as Monte Carlo Simulation. A major case study centred on a primary complex investment property will form the cornerstone of the unit. Portfolio Property investment in terms of the distributional characteristics of real estate returns, diversification and constructing a property portfolio will also be investigated.

**Courses:** CN54

**Prerequisites:** CNB392  
**Credit points:** 12    **Incompatible with:** CNB385  
**Campus offered:** GP                      **Semester:** 2

### ► CNB494 ADVANCED MARKET RESEARCH ANALYSIS

This unit will re-acquaint students with published property market data sources and methods of interpretation. It will however go further to develop the students' skills to source, analyse, interpret and report on primary property market data using appropriate statistical analysis methods. Students will be introduced to statistical software packages as a tool to assist the data analysis process. The unit will not focus exclusively on the property market, its content or methodologies broader demographic, social, political and economic issues as they effect the property industry will also be investigated. Specific content will include: A review of pricing theories, applied property and urban economics, the effects of economic cycles on the property market, use and interpretation of ABS aggregated demographic data, primary data collection method and analysis, statistical software packages including probability analysis packages such as Monte Carlo Simulation, a review of current commercial analysis and valuation software packages.

**Courses:** CN54

**Prerequisites:** CNB392  
**Credit points:** 12    **Incompatible with:** CNP55  
**Campus offered:** GP                      **Semester:** 1

### ► CNB495 STRATEGIC PROPERTY AND FACILITIES MANAGEMENT

This unit develops knowledge and skills from previous property management and related units and allow students to understand the broader strategic property management issues of property as a component of investment portfolios and as an integral element of business operations. Economic environment and property management issues. Base theory: portfolio analysis and management; asset management and property/tenancy management; facilities management - concentrating on issues of organisation in relation to the identification, provision and management of property assets to support core business delivery. Changes to the use of real property and emerging issues: demographic/social; business and commerce structure/practices; design and location; environmental, legal etc; operational. Applying and integrating management to provide a holistic approach to property asset and facilities management in support of performance management planning, implementation and monitoring of property held for investment and occupational purposes.

**Courses:** CN54

**Prerequisites:** CNB393    **Credit points:** 12  
**Campus offered:** GP                      **Semester:** 2

### ► CNB496 PROJECT MANAGEMENT

An introduction to project management as a growing discipline/profession. This unit will focus on theories related to project definition, project scope, project tools and implementation. Key aspects covered include professional development, organisation design and project structure, communication, managing change and performance measurement (time, cost and quality).

**Courses:** CN54    **Incompatible with:** CNP520  
**Campus offered:** GP                      **Semester:** 1

### ► CNB497 PROJECT COST AND RISK MANAGEMENT

The unit will identify: fundamental project management principles that relate to economics, cost and risk management and the key elements of pro-active cost management and the implementation of risk evaluation. It will revisit the macro-economic and micro-financial contexts of project, construction and property management and provide students with and understanding of the practical applications of responsibility, accountability, motivation, reporting and implementation of project cost management. Furthermore it will cover the area of risk management analysis functions, techniques and theories as well as cost management systems applicable to design cost, value management and project life cycle management. It will apply risk management operations of risk analysis, cost estimating and systematic risk reduction to specific projects and promote a professional attitude towards project cost and risk management issues relating to both construction and property. It will further seek to enhance an educated view of assessment and control measures that can lead to appropriate contractual arrangements and investigate integrate project risk and cost management concepts in order to ameliorate project management effectiveness.

**Courses:** CN54

**Prerequisites:** CNB290, CNB394

**Credit points:** 12    **Incompatible with:** CNP521  
**Campus offered:** GP                      **Semester:** 1

### ► CNB498 PROJECT HUMAN RESOURCE MANAGEMENT

Effective project delivery requires effective utilisation of all project resources. The cornerstone of the project management process is management of the diverse professional team brought together complete the project on time to specification and within budget. Topics covered will include: Principles of Human Behaviour; Aspects of Personal Development and Motivation; Communication skills. Characteristics and styles of leadership; Group dynamics and interactions; Conflict management and arbitration; An integral part of the unit is a field trip the aim of which is to increase their understanding and skills of human processes relevant to project management. The trip seeks to contribute to self awareness; understanding behaviour, understanding and refining effective communication skills; learning the art of good listening; developing questioning skills; ascertaining and experiencing the 'comfort zone'; goal setting; planning in the workplace; problem solving; approaches to conflict resolution; assertion; group conflicts; team development; developing an efficient and effective culture; setting values.

**Courses:** CN54

**Prerequisites:** CNB496  
**Credit points:** 12    **Incompatible with:** CNP551  
**Campus offered:** GP                      **Semester:** 2

### ► CNB499 INTERNATIONAL PROJECT DEVELOPMENT MANAGEMENT

The unit develops concepts of project development management introduced to the student in CNB496 and places them in an international, or more specifically, Asia-Pacific, regional context. To this end the content will be similar to CNB496 with a focus on theories related to project definition and scope, project implementation and termination, and the latest developments affecting the practice of project management in organisations. The following are some of the key aspects covered in the core unit: Project management skills—professional development; Project management as a conscious process, making use of various concepts and techniques to

achieve a successful project outcome—defining project brief/scope and boundaries; Project management as an organisational tool, forming the most appropriate project structure and project team—organisation design and project communication; Project management as an integrative process, from planning to execution and managing change—performance measurement (time, cost and quality).

**Courses:** CN54 **Prerequisites:** CNB394  
**Credit points:** 12 **Incompatible with:** CNP534  
**Campus offered:** GP **Semester:** 2

► **CNN442 DISSERTATION 1/2**

Students develop the skills necessary for conducting independent research by completing a dissertation on a chosen topic under the guidance of an appointed supervisor. The approved research topic must be in an area related to project management or property development. The unit also incorporates lectures in Research Methodology, and information retrieval skills.

**Courses:** CN77, CN92 **Credit points:** 48  
**Campus offered:** GP **Semester:** 1, 2

► **CNP520 PROJECT MANAGEMENT**

An introduction to project management as a growing discipline/profession. This unit will focus on theories related to project definition, project scope, project tools and implementation. Key aspects covered include professional development, organisation design and project structure, communication, managing change and performance measurement (time, cost and quality).

**Courses:** CN64, CN77, CN81  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** CNP431  
**Campus offered:** GP **Semester:** 1

► **CNP521 PROJECT COST AND RISK MANAGEMENT**

Central to project and construction management is the identification of project risk and the control of project cost. The major objective of this unit is to educate students in the theory and application of the economics and management of project cost and risk. The unit covers techniques and tools essential for proactive project and cost management, and the fundamentals of risk evaluation associated with project implementation.

**Courses:** CN64, CN77, CN81  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **CNP532 INNOVATION AND TECHNOLOGY MANAGEMENT**

This unit introduces key concepts in better understanding the role of innovation and technology and its efficient management, to build and maintain a competitive edge in business. Innovation and Technology Management links engineering, science and management principles to identify, choose and implement the most effective means of attaining compatibility between an organisation and its competitive, economic and social environment.

**Courses:** CN64, CN77, CN81  
**Contact hours:** Block **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **CNP533 PROJECT MANAGEMENT LAW**

Aims to create awareness of the legal environment in which the project manager operates. The project manager in the construction industry is exposed to a variety of legal situations on a day-to-day basis. It is important that the manager has the information on which to base decisions which reduce the risk of legal entanglement. The unit covers key principles of Tort, Contract and Construction law from an Australian and international perspective. Dispute resolution processes and mediation are also studied from an Australian and International perspective.

**Courses:** CN64, CN77, CN81  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** CNP433  
**Campus offered:** GP **Semester:** 2

► **CNP534 INTERNATIONAL PROJECT MANAGEMENT**

Introduces key concepts, and furthers the understanding of international issues in project man-

agement from the perspective of the Australian project manager. It compares technical, managerial, economic and cultural concepts and trends related to project management in the competitive global marketplace. Material is covered from a market viewpoint as well as from the viewpoint of a single project and firm. Emerging opportunities and misconceptions are discussed, with particular reference to the Asia-Pacific region.

**Courses:** CN64, CN77, CN81  
**Contact hours:** Block **Credit points:** 12  
**Incompatible with:** CNP406  
**Campus offered:** GP **Semester:** 2

► **CNP545 PROJECT DEVELOPMENT**

Focuses on issues relating to feasibility assessment of property development opportunities and the development process. Topics covered include evaluation of project feasibility - financial, social and legal aspects; marketing, project team formation, contract and procurement options.

**Courses:** CN64, CN77, CN81  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** CNP426  
**Campus offered:** GP **Semester:** 2

► **CNP547 PROPERTY INVESTMENT**

Property (or real estate) is one of a number of competing investments available in the investment market. The unit covers principles and strategies of property investment and evaluation techniques. Basic concepts of value and detailed financial viability studies are studied, including equity and cash flow models.

**Courses:** CN64, CN77, CN81  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** CNP402, CNP438  
**Campus offered:** GP **Semester:** 1

► **CNP551 PROJECT HUMAN RESOURCE MANAGEMENT**

The most valuable and possibly expensive resource a project manager has is people. The manager needs to know how to maximise this resource by working with all those involved in the project. This unit introduces the student to theory and skills in project management as they are applied to managing the people aspects of projects. Theories will be examined as they apply to practical issues. In addition to lectures on the human aspects of project management, an important component of this unit is experiential learning through group dynamics and workshops.

**Courses:** CN64, CN77, CN81  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** CNP431, CNP437  
**Campus offered:** GP **Semester:** 1

► **CNP552 CURRENT ISSUES**

The unit introduces current areas of importance in project management and integrates these areas within the framework established in other units. This unit incorporates case studies, workshops and discussions. Areas may include: procurement practices, industry development, quality management, buildability, value analysis, case studies, arbitration and benchmarking. This unit provides the opportunity for students to become familiar with current research activities within the School and its partners.

**Courses:** CN64, CN77, CN81  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** CNP430  
**Campus offered:** GP **Semester:** 1

► **CNP554 ADVANCED LAND DEVELOPMENT**

This unit focuses on the overall development process appropriate to the use of land in a variety of environments. It considers the drivers of development and the correct processes that should be followed to ensure both an economic and a functional result. It looks at land development within the Central Business District (CBD), suburban commercial, residential and industrial areas.

**Courses:** CN64, CN77, CN81  
**Prerequisites:** CNP545  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** CNP404  
**Campus offered:** GP **Semester:** 2

► **CNP555 PROPERTY MARKET ANALYSIS**

This unit covers the principles of property economics and market research methodology focusing in surveys and hypotheses testing, property market data available in Australia, supply and demand studies of property.

**Courses:** CN90, CN91, CN92  
**Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **CNP556 PROPERTY MANAGEMENT AND CONTRACTS**

This unit covers property contracts, especially leases, partial rights and purchase and sale; lease management, rent statements and accounting procedures, computer based property management programs, property type differentials and property portfolio management.

**Courses:** CN90, CN91, CN92  
**Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **CNP557 PROPERTY PORTFOLIO ANALYSIS**

This unit examines the performance of Australian based property portfolios. It considers the application of modern portfolio theory to property portfolios. The performance of direct and indirect property investment vehicles are analysed in relation to benchmarks and other assets classes.

**Courses:** CN90, CN91, CN92  
**Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **DBB646 SURVEYING COMPUTATIONS**

The use of advanced scientific calculators and their application for geometric computations. Solution of road and area problems; missing data closes; simple curve problems. Solution of more difficult problems, including the three point problem, interrupted bases and various types of curve problems. Introduction to spherical trigonometry and the solution of spherical triangles. The use of spherical trigonometry to determine position and direction on the Earth's surface from observation to astronomical objects. Practical exercises to determine position and direction.

**Courses:** PS47, PS48  
**Corequisites:** PSB424 **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **DBB656 GLOBAL POSITIONING SYSTEMS**

Concepts and theory of Global Positioning Systems including the space segment, control segment and user segment. Satellite signal structures and the importance of precise timing. Introduction to global and local coordinate systems and heights. Error sources and accuracy in GPS; temporal and spatial variation. Mission planning and data collection management. Navigation and data collection techniques; point positioning and analysis. Introduction to broadcast Differential GPS positioning methods. Small group practical exercises.

**Courses:** PS47, PS48 **Credit points:** 12  
**Campus offered:** GP **Semester:** 1, 2

► **DBP001 CRITERIA OF DESIGN FOR AGEING**

This unit is focused on providing you with an understanding of standards, codes, instruments, procedures, principles, and techniques of importance to design for ageing. It is mostly based on Australian sources and, where appropriate, on a selection of internationally recognised material from other countries. You will gain a broad knowledge of core aspects that govern the physical and care environments. On completion, you should be able to critically appraise key fundamentals and their contextual significance.

**Courses:** DB60  
**Credit points:** 12 **Semester:** 1

► **DBP002 PERFORMANCE OF DESIGN FOR AGEING**

This unit is focused on providing you with a holistic awareness of therapeutic environments, especially in relation to aged care facilities. On completion, you should be able to demonstrate sensitivity to the needs, wants and capabilities of heterogeneous older consumers, and attain an

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insightful perspective of how to develop and benefit from therapeutic environments and products.

**Courses:** DB60

**Credit points:** 12

**Semester:** 1

► **DBP003 EVALUATION OF DESIGN FOR AGEING**

This unit is focused on providing you with an understanding of the post-occupancy evaluation process. On completion, you should be able to demonstrate a comprehension of environment-behaviour research methods, and undertake a post-occupancy evaluation of an aged care facility.

**Courses:** DB60

**Credit points:** 12

**Semester:** 2

► **DBP004 REALISATION OF DESIGN FOR AGEING**

This unit is focused on providing you with the opportunity to select a challenging design/research project of personal interest and professional relevance. On completion, you should be able to demonstrate a thorough familiarity of the chosen design for ageing topic, as well as proficiently integrate theory and practice through a professionally competent approach.

**Courses:** DB60

**Credit points:** 12

**Semester:** 2

► **DBP401 URBAN AND SITE ANALYSIS**

Planning students need to understand the various issues relating to city development as well as learning site planning processes for the development of urban land. This planning unit is designed to assist students develop basic skills of urban and site analysis.

**Courses:** PS70, PS72

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

► **DBP402 PLANNING PROCESSES**

Graduate students from other disciplines learn how to develop and apply reflexive planning processes applicable to a variety of situations and scales. This involves understanding how land uses are generated and the processes by which they may be planned. As environmental and community planners, they will need to understand how land uses are generated, the processes by which they may be planned, and the research methods appropriate for their study. The unit examines and explains the logic, role and methods of successive stages of the planning process, from objective formulation, information and resource analysis through policy and strategy development to evaluation, development of proposals and monitoring.

**Courses:** PS70, PS72

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

► **DBP403 DESIGN COMMUNICATION**

Students entering the course from non-design disciplines require basic skills in graphic communication for use in planning practice and design units. This unit, which is normally, taught intensive mode preceding the start of semester has two elements. Perception and Basic Design includes how and what we see, design vocabulary and comparative models of design. Planning Graphics introduces students to different forms of representation, methods, presentation, visual imagery, and graphic tools for analysis and synthesis.

**Courses:** PS70, PS72

**Credit points:** 12

**Campus offered:** GP

**Semester:** 3

► **DBP404 ECONOMIC AND SOCIAL FOUNDATIONS OF PLANNING**

This is an introductory unit which deals with the economic, social and technological processes that have shaped and still shape our communities and settlements. Urban and regional planners need to appreciate these processes in order to understand their impacts and to utilise them in planning human settlements.

**Courses:** PS70, PS72

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

► **DBP405 URBAN DESIGN**

Urban Design is the field that brings together the contributions of the various built environment professions toward shaping the urban form and quality of life offered by our cities and towns. This unit provides an introduction to key urban

design ideas, using existing urban areas as the vehicle for analysis and understanding. Urban design is presented as a collaborative interdisciplinary activity that involves the coordinated input of a range of built environment professionals.

**Courses:** PS70, PS72

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

► **DBP406 COMPUTER APPLICATIONS IN PLANNING**

Planning professionals need both a conceptual understanding, and concrete skills, in the application of computers to analyse and interpret digital and spatial information that forms the basis of decision making. Across both government and private sectors, information is communicated within the digital environment, and as the associated technology, software and methods rapidly develop, planners need to possess the necessary computer skills to continue using digital tools effectively.

**Courses:** PS70, PS72

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

► **DBP407 ENVIRONMENTAL PLANNING AND MANAGEMENT**

This unit seeks to introduce students to the theories, processes and tools of environmental planning and management. The unit provides the student with a basic understanding of a range of environmental issues and concerns relevant to planning issues and problems. It addresses the broad range of planning decisions that affect the environment.

**Courses:** PS70, PS72

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

► **DBP408 PLANNING IMPLEMENTATION AND LAW**

Professional competence in planning requires a detailed understanding of the theory and implementation of planning procedure, planning law and other related legislation. This unit in planning implementation and law is designed to give students basic skills and knowledge of planning law and its associated procedures.

**Courses:** PS70, PS72

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

► **DBP409 URBAN PLANNING PRACTICE**

Planners need the skills to understand and analyse local issues and develop plans and strategies to address them. This will involve the preparation of integrated local area plans in consultation with local communities and stakeholders. This unit, normally consisting of a real world project conducted in conjunction with local governments and communities, provides students with these skills of integrated local area planning.

**Courses:** PS70, PS72

**Credit points:** 12

**Prerequisites:** DBP402

**Semester:** 1

► **DBP410 RESEARCH METHODS IN PLANNING**

This unit introduces students to the range of research methods available to them as planners and provides a critical format in which they can assess the efficacy and suitability of these methods. It also provides practical experience in using relevant methods and techniques to address current planning issues.

**Courses:** PS70, PS72

**Prerequisites:** DBP402

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

► **DBP411 COMMUNITY PLANNING**

Planners work with wide range of communities and therefore need to understand and address a diverse range of concerns. This unit applies knowledge and skills acquired elsewhere in the course to help students understand and interrelate a wide range of community concerns including land use and development assessment, employment, human services, environmental quality, urban design, access and culture. In exploring the practices and theories of community planning, particular emphasis is placed on community involvement, consultation and conflict resolution.

**Courses:** PS70, PS72

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

► **DBP412 PLANNING THEORY AND ETHICS**

Students learn about the conceptual basis to their profession and are inculcated with a sound basis of professional ethics. This unit explores the theoretical underpinnings of urban and regional planning through an investigation of a variety of ideas about planning. It also links ideas about the nature and purpose of planning with ideas about professional ethics. Because it is based on utilising students' previous experience it comes in a later semester of the course.

**Courses:** PS70, PS72

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

► **DBP413 REGIONAL PLANNING PRACTICE**

This unit provides the opportunity to develop and apply wide-ranging skills of analysis and synthesis in a real world problem-solving situation, linked to policy formulation issues explored in parallel in DBP414. As the second of two practice-focused units, Regional Planning Practice concentrates on the broader regional and metropolitan scales to develop skills in dealing with larger scale, strategic-level planning.

**Courses:** PS70, PS72

**Prerequisites:** DBP409

**Corequisites:** DBP414

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

► **DBP414 REGIONAL AND METROPOLITAN POLICY**

Relevant and effective regional and metropolitan policies must draw upon a wide range of knowledge and skills integrating regionalism, demography, economics, human activities, central place theory, regional resource evaluation, social organization and public administration. These operate and need to be understood at both global and regional scales. The resulting synthesis must be applied within specific regions. In order to achieve this, the unit is designed to focus and apply material from diverse disciplines and locations to current regional and metropolitan policy issues in South East Queensland.

**Courses:** PS70, PS72

**Prerequisites:** DBP402

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

► **DBP415 PROFESSIONAL PRACTICE OR RESEARCH PROJECT**

This unit will offer students the choice of undertaking a supervised individual research project or a structured period of professional practice. The two are offered in the one unit in order to encourage synthesis between research and professional activities. Both activities are most appropriate in the final semester of the course, allowing students to build on and integrate their previous experience. This unit also provides a stepping stone for students continuing on to the Master of Urban and Regional Planning by providing either a first stage to an advanced research project or an introduction to an advanced professional practice project.

**Courses:** PS70, PS72

**Prerequisites:** DBP410, DBP409

**Credit points:** 12

► **DBP416 ELECTIVE**

This unit enables students to choose an elective from the offerings of any course in QUT or another university, provided that it will enhance learning in the core discipline. Selection requires the approval of the course coordinator.

**Courses:** PS70, PS72

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

► **DBP417 COMPARATIVE PLANNING**

This unit focuses the comparative dimension within the course by introducing students to the practice of urban and regional planning in specific locations and contexts either through attendance on a field course or at an approved conference.

**Courses:** PS70, PS72

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1, 2

► **DBP501 SPECIALISATION**

This unit enables students to extend their knowledge in areas supporting their main area of practice or research interest. This personalised unit may incorporate study in specific programs offered within the School or from advanced units

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within QUT or another university, or through specialist guidance by staff in their areas of expertise and approved by the Head of School on the recommendation of their research project supervisor.

**Courses:** PS70 **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

### ► DBP502 PROFESSIONAL PRACTICE OR RESEARCH DISSERTATION

This unit is the central element of the Master of Urban and Regional Planning. Because the Masters is intended for students with advanced professional or advanced academic intentions, this unit allows either for professional development through a period of mentored professional practice or research development through supervised individual advanced research. The two are combined into a single unit in order to encourage synthesis between research and professional activities. The unit is an extension of the study completed in DBP415 Professional Practice or Research Project in the Graduate Diploma in Urban and Regional Planning. The unit will normally be linked to the student/staff seminars in DBP503 Masters Seminar.

**Courses:** PS70 **Credit points:** 24  
**Prerequisites:** DBP415 **Campus offered:** GP **Semester:** 1

### ► DBP503 MASTERS SEMINAR

In order to derive full benefit from their advanced studies Master students need to exchange views on theory and practice with each other and with experienced practitioners and academics. They also need to explore the significance of their studies for issues of major planning significance. This unit thus provides an integrated forum as a communicative core to the Masters Program, linking individual dissertations and professional practice experience to a wider contemporary context.

**Courses:** PS70 **Credit points:** 12  
**Prerequisites:** DBP502, DBP414 **Campus offered:** GP **Semester:** 1

### ► EAB001 EARLY CHILDHOOD FOUNDATIONS 1: HISTORICAL AND COMPARATIVE PERSPECTIVES OF EARLY CHILDHOOD EDUCATION

This unit examines the historical development of early childhood services in Australia, and explores a range of comparative perspectives on the care and education of young children in different socio-cultural contexts in Australia and in other cultures. To come to understand early childhood education, it is important to consider the evolution of key ideas that have influenced the development of the field over the past 150 years in western societies (Britain, Europe, the United States and Australia). The unit encourages students to critically reflect on the changing beliefs and practices in relation to young children and families in Australia over the twentieth century and to begin to formulate a personal philosophy of early childhood care and education.

**Courses:** ED92, ED82 **Credit points:** 12  
**Contact hours:** 3 per week **Campus offered:** KG **Semester:** 1

### ► EAB002 EARLY CHILDHOOD FOUNDATIONS 2: FAMILIES AND CHILDHOODS IN EARLY CHILDHOOD EDUCATION AND CARE

Early childhood education and care interface with the lives of children and families in diverse contexts. This unit deals with the social constructions of families and childhoods, the social practices they adopt and the services in which they participate. An understanding of these conditions is necessary for early childhood educators to teach and lead effectively.

**Courses:** ED92, ED82 **Credit points:** 12  
**Contact hours:** 3 per week **Campus offered:** KG **Semester:** 2

### ► EAB003 DEVELOPMENT AND LEARNING IN EARLY CHILDHOOD 1

This unit examines the major theories, features and processes of early development. The pace and direction of development are shaped by biological predispositions and personal attributes, as well as by the interactions and experiences af-

forded to the child. Knowledge of contexts, their impact on individual development, and an awareness of the interrelationships between each area of development is necessary in order to develop an understanding of how children think and learn. Early childhood teachers also require a range of skills for observing and analysing behaviour in order to plan and organise appropriate educational opportunities in early childhood settings.

**Courses:** ED92, ED82 **Credit points:** 12  
**Contact hours:** 3 per week **Campus offered:** KG **Semester:** 2

### ► EAB008 EARLY CHILDHOOD LANGUAGE AND LITERACIES AND COMMUNICATION 1

This is an introductory unit in which you will examine literacies from contemporary perspectives. The focus is on young children learning literacies in family and community contexts in the years prior to formal schooling. You will be encouraged to appreciate each child's journey as they encounter a range of multimodal practices that constitute literacies.

**Courses:** ED92, ED82 **Credit points:** 12  
**Contact hours:** 3 per week **Campus offered:** KG **Semester:** 1

### ► EAB011 EARLY CHILDHOOD CURRICULUM: ARTS 1

We are surrounded by visual images, in many cases much more powerful than any other form of communication. It is important that we are aware of how these images are working on us, and for that, we need to be visually literate. Childhood cultures are made up of interwoven narratives and commodities. The arts enable young children to give form to thought, to develop multiliteracies for exploring and expressing ideas and feelings through representation. This unit examines the characteristic features of the early childhood arts curriculum, its philosophical and theoretical underpinnings, beliefs about the nature of the learner, the child/teacher relationship and the educational process.

**Courses:** ED92, ED82 **Credit points:** 12  
**Campus offered:** KG **Semester:** 2

### ► EAB308 HISTORY CURRICULUM STUDIES 2

Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

**Courses:** ED19, ED50, ED54, ED55, IF70-IF79 **Credit points:** 12  
**Prerequisites:** CLB363 **Contact hours:** 3 per week

### ► EAB345 EARLY CHILDHOOD CURRICULUM: LANGUAGE EDUCATION

Pertinent theories and research in language and literacy education for children in early childhood settings; development of specific teaching and interactive practices for working with children's development of literacy, and for teaching reading and writing; planning appropriate learning environments using a wide range of literary and other resources; introduction to English syllabus.

**Courses:** ED43, ED44, ED52, ED53, ED57, IF81, IF83 **Credit points:** 12  
**Contact hours:** 4 per week

### ► EAB346 EARLY CHILDHOOD CURRICULUM: SCIENCE, SOCIETY AND THE ENVIRONMENT

Teacher's knowledge and understanding of science and its influences and applications; broad, multidisciplinary approaches to scientific, social and environmental issues in order to create just and sustainable futures; development of scientific knowledge and related social perspectives in programs for young children; practical activities arising from observations of children's interest and needs.

**Courses:** ED26, ED43, ED44, ED52, ED53, ED57, IF81, IF83 **Credit points:** 12  
**Contact hours:** 4 per week

### ► EAB347 EARLY CHILDHOOD CURRICULUM: EARLY MATHEMATICAL EXPLORATIONS

Theories and understanding of children's conceptual development; application of active inquiry processes to further concept development in mathematics; foundational concepts in mathematics and the development of appropriate learning and teaching opportunities; use of language in children's concept of number; role and use of technology in processes for learning and understanding.

**Courses:** ED26, ED43, ED44, ED52, ED53, ED57, IF81, IF83 **Credit points:** 12  
**Contact hours:** 4 per week

### ► EAB348 EARLY CHILDHOOD CURRICULUM: ARTS

Introductory principles, practices, philosophies and theories in the visual and performing arts as they relate to young children in various early childhood contexts; the arts as a way of knowing and expressing; creativity vs artistry; overview of artistic development from birth to adolescence; the arts, culture, education and the young child; elements and concepts in the visual arts, music, drama, movement and dance with specific emphasis on the visual arts; the development of the visual arts for children in early childhood settings; assisting artistry with children under five years of age and with school-aged children.

**Courses:** ED43, ED44, ED52, ED53, ED57, IF81, IF83 **Credit points:** 12  
**Contact hours:** 4 per week

### ► EAB349 ADVANCED EARLY CHILDHOOD CURRICULUM: ARTS

Application of principles, practices, philosophies and theories in the areas of music, drama, movement and dance, with specific emphasis on how these arts provide unique opportunities for knowing and understanding; assisting children's development through music, dance and drama in preschool and primary school early childhood settings; integration of the arts in relation to unique and shared elements and concepts across various domains; advocacy in the arts.

**Courses:** ED43, ED52 **Prerequisites:** EAB348 **Credit points:** 12  
**Contact hours:** 4 per week

### ► EAB350 ADVANCED EARLY CHILDHOOD CURRICULUM: LITERACY AND NUMERACY IN THE EARLY YEARS

Observation, assessment and diagnosis of the literacy and numeracy abilities of young children in early childhood education settings; planning, implementing and evaluating programs to foster optimal development in literacy and numeracy; addressing literacy and numeracy needs of all children equitably and justly; critical examination of teaching approaches and resources in literacy and numeracy education.

**Courses:** ED43, ED52 **Prerequisites:** EAB345, EAB347 **Credit points:** 12  
**Contact hours:** 4 per week

### ► EAB351 FAMILY STUDIES AND EARLY CHILDHOOD EDUCATION

Current social contexts and issues affecting families with young children, including employment patterns, unemployment, poverty, inequality and social justice, ideology of family, cultural diversity, particularly from the perspectives of Aborigines and Torres Strait Islanders, and the influence of technology; reciprocal social and family influences.

**Courses:** ED43, ED44, ED52, ED53 **Credit points:** 12  
**Contact hours:** 3 per week

### ► EAB360 EARLY CHILDHOOD DRAMA IN EDUCATION

Drama is a developmental process that assists young children's understanding of themselves and their ability to use language to shape and communicate their thoughts and feelings. Drama also plays a significant role in a child's ability to put themselves imaginatively into someone else's situation, explore roles and relationships and reflect upon their own and other's behaviour. Drama in the context of early childhood can be interpreted in several ways. This unit will explore some of these interpretations from the very informal to the highly formal. It will examine



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drama as a way of knowing and learning for young children and explore the modes, elements and concepts of drama through an experiential base.

**Courses:** ED52

**Contact hours:** 3 per week **Credit Points:** 12

► **EAB361 STORYTELLING IN EARLY CHILDHOOD**

A major consideration for the teacher of early childhood is to provide children with rich experiences of 'storying'. This unit will introduce students to the value of storytelling with young children; the selection of appropriate children's literature suitable for storytelling; various storytelling strategies in terms of their impact on a young audience; the use of appropriate props for storytelling; and ways of integrating storytelling across the curriculum.

**Courses:** ED52

**Contact hours:** 3 per week **Credit Points:** 12

► **EAB362 ETHICAL RESPONSIBILITIES IN EARLY CHILDHOOD**

In depth examination of ethical responsibilities of early childhood educators; historical overview of changing trends in legislation and practice relating to young children; current issues in children's rights; professional ethics and the responsibility of early childhood educators to children, parents, the community, society, colleagues and the profession; advocacy for young children; case studies relating to children's rights and ethical dilemmas.

**Courses:** ED52

**Contact hours:** 3 per week **Credit Points:** 12

► **EAB363 CREATING CURRICULUM WITH YOUNG CHILDREN**

The concept of curriculum in early childhood education evokes much discussion and debate. In this unit more encompassing concepts of curriculum for young children will be considered in the light of theories and research which suggest that children construct their own knowledge. Ways in which teachers and children can work together in creating a curriculum that is meaningful to children while meeting the expectations of parents and society in relation to child care, kindergarten/preschool and lower primary settings will be considered. Practical strategies for setting up supportive learning environments and methods for evaluating teaching and learning will be included.

**Courses:** ED52

**Credit points:** 12

► **EAB364 ACADEMIC AND PROFESSIONAL COMMUNICATION**

Develops an understanding of the general processes of communication in an academic and professional contexts; application of information literacy skills to a range of print and electronic sources; conventions for communicating using a range of academic text-types using print and electronic media; key concepts relating to the study topic: Families in Context.

**Courses:** ED43, ED44, ED53

**Contact hours:** 3 per week **Credit Points:** 12

► **EAB410 EARLY EDUCATION: DECIDING THE CURRICULUM**

Features of curriculum decision making in child care centres, kindergartens, first years of school; focus on processes used to create curriculum that is responsive to young children's abilities and family aspirations; issues associated with multi-age grouping, play, parent partnerships, child study and shared ownership in learning; investigation of current practices and reflection on personal professional knowledge.

**Courses:** ED20, ED26

**Contact hours:** 3 per week **Credit points:** 12

► **EAB411 EARLY EDUCATION: LITERACY**

A study of current understandings about the nature of literacy, literacy development in early childhood and the ways in which this development can be fostered both within the home and at a range of educational and care settings. The broad topic areas addressed comprise language foundations, processes and patterns of development, the classroom context and program development. Students are expected to build on their

preservice studies in the area of language and literacy development and learning.

**Courses:** ED26

**Contact hours:** 3 per week **Credit points:** 12

► **EAB412 ADVANCED INTEGRATED EARLY CHILDHOOD CURRICULUM**

Examination of key ideas informing holistic curriculum approaches; theories and practices associated with play in the curriculum in all early childhood settings, and particularly the lower primary school; implications of implementing an inclusive curriculum; issues of equity and social justice reviewed in relation to the transacting the curriculum in early childhood settings; critical analysis of approaches to designing curriculum for the expanding range of services for young children and families in Australia.

**Courses:** ED43, ED52, ED53

**Contact hours:** 4 per week **Credit points:** 12

► **EAB413 MANAGEMENT OF EARLY CHILDHOOD SERVICES**

General management theory and practice; organisational and leadership styles; management of various early childhood services; setting policies and planning for services; implementing day-to-day tasks and operations; managing and working with people; collective and collaborative approaches to management; teamwork and decision-making; ethical issues and conduct; advocacy of early childhood services for young children from all cultural and social contexts.

**Courses:** ED20, ED43, ED44, ED52, ED53, ED57, IF81, IF83

**Contact hours:** 3 per week **Credit points:** 12

► **EAB414 RESEARCH IN EARLY CHILDHOOD DEVELOPMENT AND EDUCATION**

Research design and methodology; qualitative and quantitative research; ethical issues in the conduct of the research process with young children and the adults involved with them; awareness and understanding of the research process from development of proposal, through conduct of some aspects of data collection and analysis to writing parts of the thesis. Introduction to and involvement in processes of self-evaluation. Students will be involved with a practising researcher who will act as mentor.

**Courses:** ED43, ED52

**Contact hours:** 4 per week **Credit points:** 12

► **EAB415 RESOURCE/SUPPORT PROGRAMS IN EARLY CHILDHOOD**

Community programs which support children and families outside the mainstream early childhood settings; visits to programs such as those for Aboriginals and Torres Strait Islanders, as well as for children and families of other cultures; awareness of effects of cultural diversity, geographical isolation, etc; establishing resource files for teaching and referral; models of parent-professional communication; evaluation of community programs; careers in early childhood services and education.

**Courses:** ED43, ED52

**Contact hours:** 4 per week **Credit points:** 12

► **EAB416 EARLY CHILDHOOD ART EDUCATION**

Historical and contemporary trends in art education; philosophy and practice in early childhood visual arts education; in-depth exploration of young children's artistic development and learning; assessment and evaluation of visual arts in early childhood; methods of reporting and record-keeping; studio art experiences; curating children's art exhibitions; public information about children's artistry; advocacy for improving options for young children in the visual arts.

**Courses:** ED43, ED52

**Contact hours:** 4 per week **Credit points:** 12

► **EAB418 STUDIES IN NARRATIVE FOR YOUNG CHILDREN**

Critical analysis of central themes and issues relevant to the range and uses of narrative with young children; selection and evaluation of stories and narratives (spoken and in print) for use in a multicultural society; desirable qualities in narrative resources and materials; story-telling and story-reading techniques; narrative as a

means of reflecting on human issues for the individual and for society; use of narrative in early childhood programs generally and for linking curriculum areas.

**Courses:** ED43, ED52

**Contact hours:** 4 per week **Credit points:** 12

► **EAB419 MUSIC EDUCATION FOR DIVERSE LEARNERS**

This unit provides advanced exposure to music education and explores ways in which music programs for young children can be established on experiential, self-chosen and guided bases. Students will acquire a understanding of musical concepts and elements to enable them to interact with, and make decisions about, sound and to apply specific teaching strategies and techniques to guide children's conceptual understanding, knowledge, skills and socio-cultural awareness of music.

**Courses:** ED43, ED52

**Contact hours:** 4 per week **Credit points:** 12

► **EAB420 CHILDREN, TEACHERS AND THE ENVIRONMENT**

Teachers positions in relation to community concerns on socio-environmental issues; socially just and ecologically sustainable programs; environmental education; exploring a range of environmental issues and dilemmas.

**Courses:** ED43, ED52

**Contact hours:** 4 per week **Credit points:** 12

► **EAB421 EVERYDAY FOOD LEARNING**

Exploring a food cycle approach to learning; consideration of space, time, resources and teaching strategies; current early childhood policies and practices affecting the food and health of children from birth to eight years of age; staff health in relation to early childhood program delivery.

**Courses:** ED43, ED52

**Contact hours:** 4 per week **Credit points:** 12

► **EAB422 TECHNOLOGY AND THE YOUNG CHILD**

Selection, use and critical evaluation of computers and associated software, and related technologies in early childhood programs, linking technology and problem-solving; applications and use of computers and associated software for language, number and problem-solving; creating teaching materials.

**Courses:** ED43, ED52

**Contact hours:** 4 per week **Credit points:** 12

► **EAB423 MUSEUMS: PLACES OF LEARNING**

Designed to assist preservice teachers understand the nature of children's, students' and visitors' experiences in out-of-school settings such as, museums, science centres, art galleries, zoos, and aquaria. Explores the nature and character of 'museum learning' and examines ways which teachers might optimise students' and children's experiences in and beyond museum settings.

**Courses:** ED43, ED50, ED51, ED52, ED54, ED55, IF70 - 79

**Contact hours:** 3 per week **Credit Points:** 12

► **EAB440 WORKING WITH PARENTS AND COMMUNITY**

Parental roles in childhood; review of research on child rearing; the use of interpersonal skills in relating to parents; planning for parent involvement; parent involvement approaches; resources for parents; meeting the needs of parents and programs; future trends.

**Courses:** ED20, ED23, ED26

**Contact hours:** 3 per week **Credit points:** 12

► **EAB442 MOTOR AND SOCIAL DEVELOPMENT IN EARLY CHILDHOOD**

The role of observation and child study in the practice of early childhood teachers and an introduction to a range of observational techniques; the phases and patterns in the development of fine and gross motor skills in the early years and the biological and environmental influences on skill acquisition; emotional development including self-regulation, temperament and attachment; societal and cultural influences on the development of self identity including self-esteem, self-efficacy, and gender identity; early relationships,

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social competence and prosocial behaviour; the role of play in fostering children's physical, motor and social development and the early childhood teachers' role in facilitating engagement in play.

**Courses:** ED43, ED52, ED57, IF81, IF83  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** EAB341, EAB343

► **EAB443 COGNITION AND LANGUAGE IN EARLY CHILDHOOD**

Processes and features of language, perceptual and cognitive development of children from birth to eight years; language acquisition and communication; interrelationships between language and thought; the knowledge base and perceptual and cognitive processes; analysis of observational data to plan for children linguistically, perceptually and cognitively.

**Courses:** ED26, ED43, ED52, ED57, IF81, IF83  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** EAB341, EAB342

► **EAB444 INCLUSIVE PRACTICES IN EARLY CHILDHOOD**

The historical and philosophical background to early childhood special education; legal, ethical and empirical bases for inclusive programs; the nature of special needs in intellectual, sensory, physical and social-emotional domains; observation and record-keeping in inclusive early childhood programs; assessment practices across disciplines and ethics in reporting information; theoretical principles and practices in an inclusive early childhood curriculum, incorporating behavioural and developmental approaches; practices and environmental design that support children's play and engagement with materials and peers; communicating and working with families to meet children's and families' needs; working with professionals across discipline areas to use community resources and support agencies effectively.

**Courses:** ED20, ED43, ED44, ED52, ED53, ED57, IF81, IF83  
**Contact hours:** 3 per week **Credit points:** 12

► **EAB445 APPLIED STUDIES OF CHILDREN IN EARLY CHILDHOOD CONTEXTS**

Synthesis of individual students knowledge from the previous foundation units; development of skills in preparation and conduct of debates and case study reporting; children with special needs; social, personal, and professional issues in the provision of early childhood education and services.

**Courses:** ED43, ED52  
**Prerequisites:** EAB442, EAB443, EAB444  
**Corequisites:** EAB444  
**Contact hours:** 4 per week **Credit points:** 12

► **EAN601 EARLY CHILDHOOD TEACHERS KNOWLEDGE IN ACTION**

Critical reflection on knowledge in action as teachers work in early childhood programs; history of the development of key ideas influencing early childhood curriculum and teaching; methods for studying teachers at work in different early childhood programs; analysis of research that examines issues related to teaching in early childhood programs.

**Courses:** ED13, ED11 **Credit points:** 12

► **EAN602 LEADING EARLY CHILDHOOD SERVICES AND POLICIES FOR FUTURE GENERATIONS**

Analyses of the theoretical bases for inquiring into the contexts of early childhood policy and service provisions; understanding of leadership and management processes for developing and delivering responsive and instrumental early childhood services; knowledge of change theories that inform leadership and advocacy for future-oriented early childhood policies and services.

**Courses:** ED13, ED11 **Credit points:** 12

► **EAN603 DEVELOPMENT IN EARLY CHILDHOOD CONTEXTS**

Development of skills for critical evaluation of current developmental research in early childhood; knowledge of a broad range of methodo-

logical approaches for research in early childhood development in family and educational contexts; critical discussion of the findings of developmental research and the implications of this knowledge for early childhood education.

**Courses:** ED13, ED11 **Credit points:** 12

► **EAN604 YOUNG CHILDREN, FAMILIES AND COMMUNITY**

Analysis of family diversity; the interactions between young children, families and the wider social and cultural community; key issues facing families within community contexts; and the analysis of transactions involving professionals, young children, families and community.

**Courses:** ED13, ED11 **Credit points:** 12

► **EAN607 CONSULTATION AND TEAMWORK**

Analysis of typical professional consultancy and teamwork contexts within education and early childhood services, including contributions from other disciplines (for example medicine, psychology, therapies, social welfare, law) and agencies (for example health, community services, police); theoretical and practical understanding of intra- and interpersonal qualities which affect consultancy and teamwork; theory and application of group development processes related to effective task accomplishment. Factors impinging on the quality of interdisciplinary and interagency teamwork; strategies for reviewing and improving consultation and teamwork.

**Courses:** ED13, ED11 **Credit points:** 12

► **EAN608 CONSTRUCTIONS OF CHILDHOOD AND EARLY EDUCATION**

Critical analysis of the social constructions of childhood and early education across the twentieth century and how those constructions are linked to social, political and economic change. Application of a range of theoretical perspectives enables exploration and analysis of assumptions held with respect to childhood and early education; consideration of how conflicting ideas within early childhood education are understood.

**Courses:** ED13, ED11 **Credit points:** 12

► **EAN609 INCLUDING CHILDREN WHO HAVE DISABILITIES IN EARLY CHILDHOOD PROGRAMS**

Critical analysis of policies that impact on the provision of early childhood services for children who have disabilities; examination of the ethical and pragmatic arguments for inclusion and evaluation of the research on inclusive practices; evaluating inclusive programs and knowledge of a range of resources that support inclusion.

**Courses:** ED13, ED11 **Credit points:** 12

► **EAN610 EARLY CHILDHOOD LANGUAGE AND LITERACY CURRICULUM**

Effective teachers of literacy and language in early childhood settings are comfortable with using a wide range of observations and monitoring activities in order to plan appropriate learning programs for young children. Teachers also understand the theories that underpin their teaching practices and assessment processes so that they are able to integrate classroom and individual learning experiences across curriculum areas and age differences.

**Courses:** ED17 **Credit points:** 12

**Contact hours:** 3 per week **Credit points:** 12

► **EAN611 EARLY CHILDHOOD MATHEMATICS, SCIENCE AND TECHNOLOGY CURRICULUM**

The study of the concepts and processes that underpin the curriculum applications of mathematics, science and the use of technology in early childhood contexts. Ways in which early childhood environments can be organised to support active learning, inquiry and problem-solving to support learning of young children.

**Courses:** ED17 **Credit points:** 12

**Contact hours:** 3 per week **Credit points:** 12

► **EAN612 ADVANCED LITERACY AND NUMERACY IN EARLY CHILDHOOD**

Observation, assessment and the diagnosis of the literacy and numeracy abilities of young children in early childhood settings. Planning, implement-

ing and evaluating programs to foster optimal learning and understandings in literacy and numeracy. Addressing the needs of children from all social groups and cultural backgrounds. Developing a sensitivity for the needs of all children from a variety of perspectives.

**Courses:** ED17 **Credit points:** 12

**Contact hours:** 3 per week **Credit points:** 12

► **EAN613 EARLY CHILDHOOD CURRICULUM PRIORITIES**

Curriculum theories and practices are examined from an early childhood education perspective. Topics include child study, working in partnership with parents, environments that teach, and maintaining a balance between concerns for content to be taught and for the quality of the learning experience. Outcomes for students include critical awareness of decision making priorities that will result in child and family responsive curriculum.

**Courses:** ED17 **Credit points:** 12

**Contact hours:** 3 per week **Credit points:** 12

► **EAP533 CHANGE IN CHILDREN: BIRTH TO EIGHT YEARS**

Techniques for observing and analysing child behaviour and development; major theories of child development; cognitive, language, social, physical and emotional development in children birth to age eight.

**Courses:** ED20, ED44, ED53 **Credit points:** 12

**Incompatible with:** EAP528

► **EAP534 CURRICULUM IN EARLY CHILDHOOD 1**

The development of problem solving, explanation, investigation, self-expression, originality, divergent thinking and risk-taking in young children in relation to communication, movement, the expressive arts, mathematics, science, social studies and health curriculum; approaches and suitable materials for these curriculum areas within various early childhood settings; analysis of teaching strategies.

**Courses:** ED20 **Credit points:** 12

**Incompatible with:** EAP529

► **EAP535 CURRICULUM IN EARLY CHILDHOOD 2**

Planning and evaluating early childhood programs for children birth to 8 years; organisation and administration of programs for young children; examination of approaches to teaching; early intervention programs; interdisciplinary teamwork and support services; strategies for working with parents and community agencies; professional behaviour and ethics.

**Courses:** ED20 **Corequisites:** EAP534 **Credit points:** 12 **Incompatible with:** EAP525

► **EAP536 CURRICULUM IN EARLY CHILDHOOD 3**

Current approaches to the teaching of literacy and numeracy in the early years; diagnosis and assessment in early literacy and numeracy; the expressive arts and the sciences as modes of learning and teaching in the early years; applications of technology with young children; planning and teaching for individual and group needs.

**Courses:** ED20 **Prerequisites:** EAP534, EAP535 **Credit points:** 12 **Incompatible with:** EAP526

► **EAP537 CONTEXTS OF EARLY CHILDHOOD EDUCATION**

Examination of the bases and scope of education in early childhood, the role of psychological theories, curriculum models, policies and programs; case studies of early childhood programs.

**Courses:** ED20 **Credit points:** 12 **Incompatible with:** EAP530

► **EAP538 RESEARCH IN EARLY CHILDHOOD**

Examination of the research literature in development and learning; research techniques in early childhood; and their application; application of research techniques to research proposals; experimental research in one aspect of development and learning of children aged three to eight years; contributions to early childhood research from other fields.

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**Courses:** ED20

**Credit points:** 12 **Incompatible with:** EAP531

► **EAP539 TRANSACTIONS IN EARLY CHILDHOOD EDUCATION**

Examination of the implications of social, cultural and geographical factors for early childhood education; consideration of the effects of technology and media, and ethical and legal obligations; analysis of procedures and techniques for case studies; formulating a personal philosophical statement.

**Courses:** ED20, ED23

**Credit points:** 12 **Incompatible with:** EAP532

► **EDB001 TEACHING AND LEARNING STUDIES 1: TEACHING IN NEW TIMES**

Teaching today is being practiced in a changing world. The emergence, in recent decades, of new forms of culture and society alongside new and more globalised diagrams of economy, power and government is having an enormous impact on teaching, schooling and education. It is vital, therefore, for preservice students to develop a knowledge of the historical and contemporary contexts in which teaching, schooling and education are practiced and an understanding of the different social identities and capacities that are specified within them (eg, childhood, youth, gender and class). This unit challenges students to develop an insightful and research-based conceptual framework, drawn from social theory and cultural studies, so that they may respond to these transformations in an informed, ethical and professional manner.

**Courses:** ED55, ED56, ED57, ED90, ED91, ED92, IF79

**Contact hours:** 4 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 1, 2

► **EDB006 LEARNING NETWORKS**

This unit explores the concept of learning networks: interacting social and technical systems that lead to collective sense-making and knowledge construction. Topics include: the nature and use of Information and Communication Technologies (ICTs); learning theories and technologies; and socio-technical practices in learning networks.

**Courses:** ED90, ED91, ED92, ED82

**Contact hours:** 3 per week **Credit Points:** 12  
**Semester:** 1

► **EDB007 CULTURE STUDIES: INDIGENOUS EDUCATION**

Numerous government reports and recent discussions about reconciliation have called for an increased commitment to Indigenous education in Australia. Teachers are increasingly being asked to improve their skill, knowledge and understanding to teach Indigenous students, and to teach curricula which incorporates Indigenous viewpoints on social, cultural and historical matters. This unit will begin with an analysis of your own cultural place in the Australian context, and will afterwards move towards an understanding of Aboriginal and Torres Strait Islander perspectives on history and contemporary issues, and an understanding of why Aboriginal and Torres Strait islander students have been so disadvantaged by the Australian education system.

**Courses:** ED90, ED91, ED92

**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 2

► **EDB400 FIELD EXPERIENCE 1**

Part 1 (On-Campus) provides a background for students about to engage in field experience. The focus is on learning styles, types of knowledge, accelerated and integrated learning, the mentoring process, preparing portfolios of work and self-directed learning. In Part 2 (In-Field), students learn how to plan and promote a learning program. It involves identifying the needs of a target group, and the planning and promotion of appropriate training strategies.

**Courses:** ED54

**Contact hours:** 10/20 day placement; pre- and post-tutorials 1-3 hrs/wk for 7 weeks

**Credit points:** 12

► **EDB401 FIELD EXPERIENCE 2**

In Part 3 (In-Field), students learn how to deliver training sessions as part of a training program.

They also learn the requirements for planning, delivering and reviewing training on a one-to-one or small group basis. Part 4 (In-Field) enables students to learn how to record data on training and to use this to assess the effectiveness of training.

**Courses:** ED54

**Prerequisites:** EDB400 **Corequisites:** EDB400

**Contact hours:** 20 day placement; pre- and post-tutorials

**Credit points:** 12

► **EDB402 FIELD EXPERIENCE 3**

In Part 5 (In-Field), students learn how to implement a training program for a target group. This involves planning a series of training sessions to meet the requirements of a target group. During Part 6 (In-Field), students learn the requirements for planning assessment in a specific context, how to determine evidence requirements, select appropriate assessment methods and develop assessment tools in specific contexts. Students also learn how to employ the above components in practice.

**Courses:** ED54

**Prerequisites:** EDB400

**Contact hours:** 20 day placement; pre- and post-tutorials

**Credit points:** 12

► **EDB403 FIELD EXPERIENCE 4**

In Part 7 (In-Field), students learn how to review assessment procedures in specific contexts, such as those stated in Part 6; check the consistency of the assessment decision; and report review findings. During Part 8 (Private Study), students reflect upon what they have learnt from Parts 2-7, how they overcame barriers/problems of learners in the training/education context; and how these experiences should assist them to become effective trainers/educators.

**Courses:** ED54

**Prerequisites:** EDB400, EDB401, EDB402

**Contact hours:** 20 day placement; pre- and post-tutorials

**Credit points:** 12

► **EDB410 INTRODUCTION TO RESEARCH METHODS IN EDUCATION**

This unit provides a foundation for understanding research design and methods in education. It focuses on reading, understanding and evaluating educational research both within and across different paradigms and on enabling students to develop their own plan for a small-scale research project. Includes the development of skills in understanding, appreciating, and using the processes and techniques of research. Students will be made aware of the variety of research cultures and theoretical perspectives, and to be informed consumers of the research findings of others.

**Courses:** ED50, ED51, ED52 **Credit points:** 12  
**Incompatible with:** EDN611, SPB009

► **EDB411 DISSERTATION**

This unit builds on the understandings developed in the unit Introduction to Research Methods in Education (EDB410). The Dissertation represents an individual piece of research completed under the guidance of an academic supervisor. It should make a contribution to knowledge within a particular educational context through the critical analysis and evaluation of existing knowledge, and the investigation of a research focus or question within a particular educational context. The conclusions of the research should include the relevance for educational practice. This unit provides students with an excellent base on which to build their future academic study.

**Courses:** ED50, ED51, ED52

**Prerequisites:** EDB410 **Credit points:** 36

► **EDB420 EARLY CHILDHOOD PROFESSIONAL PRACTICE: CHILD CARE**

This unit aims to develop an understanding of the socio-historical and contemporary contexts for children under three years of age in child care settings. Students explore a range of programming issues for this context, including observing children and planning for them, the use of play, exploration, communication and problem solving by children of this age. Twenty days of practicum.

**Courses:** ED43, ED52, ED57, IF81, IF83

**Contact hours:** 2.5 per week **Credit points:** 12  
**Incompatible with:** EAB351

► **EDB421 EARLY CHILDHOOD PROFESSIONAL PRACTICE: LOWER PRIMARY**

Development of planning and teaching strategies, with particular focus upon children aged five to eight years; planning from observations; discourse practices and classroom management; working in groups; policies, syllabi and resources in curriculum generation and provision; handwriting; twenty days in lower primary classrooms.

**Courses:** ED52, ED53, ED57, IF81, IF83

**Contact hours:** 2.5 per week **Credit points:** 12  
**Incompatible with:** EAB352, PRB340

► **EDB422 EARLY CHILDHOOD PROFESSIONAL PRACTICE: PRESCHOOL/KINDERGARTEN**

Planning and implementation of teaching strategies appropriate for children attending preschools and kindergartens; management of problems arising between children; classroom management practices; record-keeping; reporting to and relationships with parents and professional colleagues; twenty days of supervised practice.

**Courses:** ED43, ED52, ED57, IF81, IF83

**Contact hours:** 2.5 per week **Credit points:** 12  
**Incompatible with:** EAB353

► **EDB423 EARLY CHILDHOOD PROFESSIONAL PRACTICE: CHOICE**

Refining strategies for teaching and working collaboratively with children, parents and colleagues in early childhood contexts; students reflection on development of own practices; roles of early childhood educators with regard to ethics, advocacy for young children, policy development and administration; curriculum vitae and resume; 20 days of supervised practice in an early childhood setting of the student choice.

**Courses:** ED43, ED52, ED53, ED57, IF81, IF83

**Prerequisites:** EDB420, EDB421, EDB422  
**Contact hours:** 2.5 per week **Credit points:** 12  
**Incompatible with:** EAB354

► **EDB430 PRIMARY PROFESSIONAL PRACTICE 1: CLASSROOM MANAGEMENT**

Provides an introduction to professional practice in education and gives a foundation for further development in the areas of specialisation and/or specific subject curriculum areas. The role of the teacher is examined with reference to the teacher as communicator, planner, manager and facilitator of learning. It provides an opportunity for approaches, strategies and skills associated with the teachers role to be introduced and applied with classroom management. Includes 10 single days in a primary school.

**Courses:** ED51, ED56, IF82, IF84

**Contact hours:** 3 per week **Credit points:** 12

► **EDB431 PRIMARY PROFESSIONAL PRACTICE 2: CURRICULUM DECISION MAKING**

Examination of aspects of curriculum decision making to acquire the knowledge, skills and processes necessary for short-term and long-range planning. Curriculum development, curriculum implementation and curriculum evaluation are investigated to refine daily, weekly and term programs. Particular attention is given to co-operative teaching of an integrated unit of work. Includes 20 days of practice teaching in a primary school.

**Courses:** ED51, ED56, IF82, IF84

**Prerequisites:** EDB430

**Contact hours:** 2 per week **Credit points:** 12

► **EDB432 PRIMARY PROFESSIONAL PRACTICE 3: THE INCLUSIVE CURRICULUM**

Addresses the social, political and material relations that exist in differing classroom curriculum practices, examining both the constraining and enabling factors that impact on and generate possibilities within the conceptualising and operationalising of the inclusive curriculum. This will be done with the support of practising teachers, and critical self-analysis of classroom practices

and possibilities. Includes 20 days of practice teaching in a primary school.

**Courses:** ED51, ED56, IF82, IF84

**Prerequisites:** EDB431

**Contact hours:** 12 per week **Credit points:** 12

► **EDB433 PRIMARY PROFESSIONAL PRACTICE 4: BEGINNING TEACHING**

Students synthesise the range of skills, attitudes and knowledge sources that they have experienced to ensure an effective transition into professional practice as beginning teachers, taking responsibility for the shaping of educational practice from their own perspective and those of the learners. Emphasis will be on planning and implementation of the total program. Includes 30 days of practice teaching in a primary school.

**Courses:** ED51, ED56, IF82, IF84

**Prerequisites:** EDB432

**Contact hours:** 1 per week **Credit points:** 12

**Campus offered:** KG **Semester:** 1, 2

► **EDB440 INDEPENDENT STUDY**

Self-initiated and self-directed academic study in an area of educational management interest which allows study either to a depth not possible in electives, or in an area not covered by the course; for requirements see the Independent Study Guide.

**Courses:** ED23, ED26, ED43, ED50, ED51,

ED52, ED54, ED55, ED61, IF70-79

**Credit points:** 12

► **EDB442 INTEGRATED PROFESSIONAL SEMINARS**

Designed to operate in conjunction with the training provided to educational advisors by the Queensland Department of Education. Students compile a portfolio based on a survey of professional development literature and an in-service activity which they design and implement with classroom teachers. A report is compiled in which students describe their work and reflect on its effectiveness.

**Courses:** ED26, ED61 **Credit points:** 12

► **EDB443 PROFESSIONAL INTERNSHIP OF ASSOCIATE TEACHING**

The Professional Internship is a period of associate teaching in schools under the guidance of a teacher mentor. Authorisation to teach is provided by the Qld Board of Teacher Registration provided that all academic studies and professional practice units have been completed. Student Interns are prepared for the experience in weekly one hour seminars. Includes 30 days of Associate Teaching in a school.

**Courses:** ED50-52, ED55, IF70-79

**Prerequisites:** Successful completion of all professional practice units and coursework; GPA: 5.0 or above

**Contact hours:** 1 per week **Credit points:** 12

► **EDB450 SECONDARY PROFESSIONAL PRACTICE 1: CLASSROOM MANAGEMENT**

Examines the role of the teacher with reference to the concepts of the teacher as communicator, planner, manager and facilitator of learning. It provides an opportunity for associated approaches, strategies and skills to be introduced and applied within the ambit of classroom management in practical settings. Includes 10 single days in a school.

**Courses:** ED50, ED55, IF70-79

**Contact hours:** 3 per week **Credit points:** 12

► **EDB451 SECONDARY PROFESSIONAL PRACTICE 2: CURRICULUM DECISION MAKING**

State and federal initiatives in curriculum are examined to interpret curricula for the needs and capabilities of learners. The practice component provides opportunities to design, test and refine personal decision-making models, approaches, strategies and programs. Includes 20 days practice teaching in a secondary school.

**Courses:** ED50, ED55, IF70-79

**Prerequisites:** EDB450

**Contact hours:** 2 per week **Credit points:** 12

► **EDB452 SECONDARY PROFESSIONAL PRACTICE 3: THE INCLUSIVE CURRICULUM**

Addresses the social, political and material relations in differing classroom curriculum practices, with a view to examining both the constraining and enabling factors that impact on and generate possibilities within the conceptualising and operationalising of the inclusive curriculum. Critical analysis of classroom practices and possibilities is effected in the professional practice component. Includes 20 days of practice teaching in a secondary school.

**Courses:** ED50, ED55, IF70-79

**Prerequisites:** EDB451

**Contact hours:** 2 per week **Credit points:** 12

► **EDB453 SECONDARY PROFESSIONAL PRACTICE 4: THE BEGINNING TEACHER**

Students synthesise the range of skills, attitudes and knowledge sources that they have experienced to ensure an effective transition into professional practice as beginning teachers, taking responsibility for the shaping of educational practice from their own perspective and those of the learners. Emphasis will be on planning and implementation of the total program. Includes 30 days of practice teaching in a secondary school.

**Courses:** ED50, ED55, IF70-79

**Prerequisites:** EDB452

**Credit points:** 12

► **EDN602 ADVANCED SEMINARS**

Provides for the special needs and interests of students. Small groups of students interact at an advanced level with specialists or visiting scholars in seminars, conferences and research projects.

**Courses:** ED13, ED11, ED61 **Credit points:** 12

► **EDN603 INDEPENDENT STUDY**

Allows individual students to follow their own particular needs/interests and/or to take advantage of specialised lecturer expertise through working autonomously on relevant topics of interest under the supervision of individual lecturers.

**Courses:** ED13, ED14, ED11, ED61, ED77

**Credit points:** 12

► **EDN608 PROJECT**

A minor research project that provides students with an opportunity to extend, synthesise and analyse knowledge from core and elective units through, for example, a critical literature review, the development of appropriate educational resources, or a project of change in their workplace.

**Courses:** ED13, ED14, ED61, ED77

**Prerequisites:** EDN611 **Credit points:** 24

► **EDN611 UNDERSTANDING EDUCATIONAL RESEARCH**

The foundation unit for studying research methods in education. It focuses on reading, understanding and evaluating educational research both within and across different paradigms used in educational research.

**Courses:** ED13, ED11, ED61 **Credit points:** 12

► **EDN612 CONDUCTING EDUCATIONAL RESEARCH**

Building on the understandings developed in EDN611, this unit focuses on developing the skills and knowledge necessary to design and conduct educational research. Structured to enable students to pursue in-depth studies in selected designs and methods with a view to producing an initial research proposal.

**Courses:** ED13, ED11, ED12

**Prerequisites:** EDN611 OR equivalent OR permission of Coordinator

**Credit points:** 12

► **EDN620 DISSERTATION**

Designed to enable students to develop their research potential through following up a research design developed in the unit Advanced Research, to produce a significant piece of written research in the form of a dissertation.

**Courses:** ED13

**Prerequisites:** EDN612 **Credit points:** 36

► **EDN621 PROFESSIONAL PRACTICE 1: LEARNERS AND TEACHERS IN CONTEXT**

Integration of knowledge of learning, development and contexts, with knowledge of the curriculum, in order to plan and implement learning episodes that are responsive to the needs of individual learners. The central role of communication in successful implementation of planned learning activities will be explored. A practicum (5 single days and 10 days block) in the Area of Specialisation (Early Childhood, Primary, Secondary) will provide first hand experience of the curriculum and of specific teaching and learning contexts.

**Courses:** ED17, ED18, ED19

**Contact hours:** 3 per week **Credit points:** 12

► **EDN622 PROFESSIONAL PRACTICE 2: CLASSROOM MANAGEMENT AND INTRODUCTION TO PROFESSIONAL PRACTICE**

This unit builds on the first Professional Practice unit. It affords an opportunity for approaches, strategies and skills associated with the practising teacher's role to be introduced and applied within the ambit of classroom management with reference to the concepts of the teacher as communicator, planner, manager and facilitator of learning. In both campus-based and field-based components, the principle of reflective action is paramount in the unit. Includes 25 days of practice teaching.

**Courses:** ED17, ED18, ED19

**Prerequisites:** EDN621

**Contact hours:** 3 per week **Credit points:** 12

► **EDN623 PROFESSIONAL PRACTICE 3: CHANGE, DIFFERENCE AND INCLUSIVITY**

This unit will critically consider both the constraining and enabling factors impacting on the conceptualisation and implementation of change processes with respect to inclusive curriculum and practices. This will be done through a practicum using a number of learning modes including literature reviews, presentation of current research in the field and critical analysis of research findings in order to enhance existing practices, case studies and, with the support of practising teachers, critical reflections upon classroom practices and possibilities. Includes 20 days of practice teaching.

**Courses:** ED17, ED18, ED19

**Prerequisites:** EDN622

**Contact hours:** 3 per week **Credit points:** 12

► **EDN624 PROFESSIONAL PRACTICE 4: CURRICULUM DECISION MAKING AND CURRICULUM LEADERSHIP**

The development, planning and evaluation of curricula may take place within a variety of teaching and learning contexts and with learners that are culturally, socially and materially positioned in learning that requires a responsiveness to difference. Responsive and inclusive curriculum decision making and curriculum leadership must integrate current policy initiatives, curriculum theorising of one's emerging curriculum practices and a sound understanding of the changing nature of teacher's work. This unit will emphasise the complexities of planning, implementing and monitoring of integrated programs of learning generated by cooperative decision making specific to local sites and the needs of learners within particular educational contexts. Includes 20 days of practice teaching.

**Courses:** ED17, ED18, ED19

**Contact hours:** 3 per week **Credit points:** 12

► **EDN625 PROFESSIONAL INTERNSHIP AND MINI CONFERENCE**

This unit is a six week school-based professional development program designed to prepare students about to graduate for the exigencies of beginning teaching by offering them opportunities to practice over an extended period of time as if they were beginning teachers; support and guidance are provided by experienced mentor teachers in collaboration with university advisers. The unit will conclude with an intensive mini-conference.

## UNIT SYNOPSES

**Courses:** ED17, ED18, ED19

**Prerequisites:** EDN624

**Contact hours:** 3 per week **Credit points:** 12

► **EDN626 LEARNING AND TEACHING IN HIGHER EDUCATION**

Focuses on theories of teaching and learning as they have evolved to the present day. It encourages a critical approach to pedagogical/andragogical theories.

**Courses:** ED13, ED61 **Credit points:** 12

► **EDN627 CONTEXTS AND ISSUES IN HIGHER EDUCATION**

Explores the context that affords and constrains teaching and learning in higher education. It is important for graduates of a course in higher education that they understand the dynamics of the sector in which they work and can analyse their own practice as teachers in the broader context of the political, social, cultural, organisational and economic issues which have affected post-compulsory education at international, national and institutional levels.

**Courses:** ED13, ED61 **Credit points:** 12

► **EDN628 POSTGRADUATE RESEARCH SUPERVISION**

This unit is designed to enhance new and experienced supervisors' knowledge of different approaches to supervision, the teaching and learning processes involved in effective supervision, the generic skills research graduates need to develop during their candidature, and the policy context within which supervisors operate in your universities and within the global higher education sector.

**Courses:** ED13, ED61 **Credit points:** 12

► **EDN629 PRESENTATION AND DELIVERY MODES IN HIGHER EDUCATION**

Teachers in higher education need a range of presentation approaches appropriate to the needs of their various student groups, and the learning styles of individual students. This unit aims to hone your skills in presentation and delivery, and allow you to critically appraise the values and theoretical frameworks which underpin each mode of delivery, and the effectiveness of various modes as revealed through research and practice.

**Courses:** ED13, ED61 **Credit points:** 12

► **EDN630 HIGHER EDUCATION: CURRICULUM DESIGN, ASSESSMENT AND EVALUATION**

This unit will introduce participants to key concepts underpinning contemporary curriculum design, development, assessment and evaluation in rapidly changing higher education contexts. Students will be required to critique, reconstruct and theorise curriculum thinking and practices in specific contexts at the levels of design, development, assessment and evaluation.

**Courses:** ED13, ED61 **Credit points:** 12

► **EDP508 PRACTICUM IN EARLY CHILDHOOD 1**

Observation; planning, implementation and evaluation of curriculum for children in early childhood; communication with children, parents and colleagues; the demonstration of organisational and administrative skills in an early childhood setting. Includes ten continuous days of practicum.

**Courses:** ED20 **Prerequisites:** EAP533

**Corequisites:** EAP534, EAP535

**Credit points:** 6

► **EDP509 PRACTICUM IN EARLY CHILDHOOD 2**

Observation; design, implementation and evaluation of programs for children in the early childhood age range; communication with children, parents and colleagues; increased responsibility for control and management in the early childhood setting; catering for children in the early childhood age range. Includes 10 days of practicum.

**Courses:** ED20

**Prerequisites:** EDP508

**Credit points:** 6

► **EDP514 FIELD PROJECT**

An applied action research project focusing on the development of a management-oriented pro-

gram; the delivery and evaluation of the program within an existing educational service.

**Courses:** ED23

**Credit points:** 12 **Incompatible with:** EDP516

► **EDP516 EXTENDED FIELD PROJECT**

An applied action research project focusing on the development of a management-oriented program. The delivery and then evaluation of the program within an existing educational service occurs. The Extended Field Project includes a research report with greater breadth and depth than the 12 credit point Field Project.

**Courses:** ED23

**Credit points:** 24 **Incompatible with:** EDP514

► **EDR702 THESIS (1-9)**

Provides students with an opportunity to extend and synthesise knowledge from the coursework section; allows the coursework to be applied as it may be used in future work situations; provides a means of extending the skills and understandings gained from formal units to investigate in-depth some aspects of the student's professional practice. Focuses on the extension of acquired knowledge to increase the understanding and competence of skilled professional educators; facilitates the application of innovative research but grows out of the professional coursework. All candidates will proceed through the three required steps. Namely, Step (A) Thesis Preparation; Step (B) Thesis Confirmation of Candidature; and Step (C) Thesis Implementation.

**Courses:** ED11 **Prerequisites:** EDR703

**Credit points:** 216 (24 each)

► **EDR703 INTERDISCIPLINARY EDUCATION STUDIES (ADVANCED SEMINARS)**

A reading and seminar program that aims to broaden and deepen the student's initial perspective to include elements derived from theoretical perspectives drawn from a number of disciplines; seeks to provide a context of learning for educators who seek the personal and professional benefits that the broadening and deepening of their professional knowledge affords.

**Courses:** ED11

**Credit points:** 24

► **EDR704 THESIS (1-9)**

Provides students with an opportunity to extend and synthesise knowledge from the coursework section; allows the coursework to be applied as it may be used in future work situations; provides a means of extending the skills and understandings gained from formal units to investigate in depth some aspects of the student's professional practice. Focuses on the extension of acquired knowledge to increase the understanding and competence of skilled professional educators; facilitates the application of innovative research but grows out of the professional coursework. All candidates will proceed through the three required thesis steps. Namely, Step (A) Thesis Preparation; Step (B) Thesis Confirmation of Candidature; and Step (C) Thesis Implementation.

**Courses:** ED11 **Credit points:** 108 (12 each)

► **EEB112 ELECTRICAL AND COMPUTER ENGINEERING 1**

The unit comprises two modules: Electric Circuits and Introductory Computing. The first module covers fundamental quantities in circuits and network laws, response to sinusoidal sources, and circuit measurements. The second module covers fundamentals of problem solving using computers and programming, techniques for writing correct and efficient programs.

**Courses:** EE41, EE42, EE48, IF21, IF28, IF59

**Contact hours:** 5 per week **Credit points:** 12

**Semester:** 1, 2

► **EEB130 INTRODUCTION TO AVIONICS**

The unit introduces students to Avionics in a non-technical way. It focuses primarily on aviation navigation and provides a basic understanding of avionics. A complete flight system is studied at an introductory level. It also gives an overview of the electronics inside an aircraft, the aircraft environment, and flight simulation.

**Courses:** EE48

**Contact hours:** 4 per week **Credit points:** 12

**Semester:** 1

► **EEB212 ELECTRICAL AND COMPUTER ENGINEERING 2**

The unit comprises three modules: Network Theory, Engineering Computing, and the Laplace Transform. The first module covers network laws, ac power calculations, three-phase systems, series and parallel resonance, magnetic coupling and linear transformer, and using PSPICE to solve and analyse complex circuits. The second module covers an introduction to Software Engineering and Design. The basics of Laplace transforms are taught in the third module.

**Courses:** EE41, EE42, EE48, IF21, IF28, IF59

**Prerequisites:** EEB112

**Contact hours:** 5 per week **Credit points:** 12

**Campus offered:** GP

**Semester:** 2, 3

► **EEB213 ELECTRICAL CIRCUITS AND MEASUREMENTS**

The unit covers fundamental electrical quantities, Kirchoff's laws, direct current and alternating current, response of RLC circuits to dc and sinusoidal sources, Thevenin and Norton equivalents, power transfer, three-phase systems, series and parallel resonance, mutual inductance and transformers, computer-aided analysis of circuits using PSPICE, electrical measurement and analysis in practical laboratory experiments.

**Courses:** IF59, EE46, EE47

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP

**Semester:** 2

► **EEB220 ELECTRICAL ENGINEERING 2M**

The unit covers basic network laws, response to sinusoidal sources, real and reactive power calculation, power factor improvement, electric and magnetic fields, three-phase system, transformer theory, dc and ac rotating machines and their applications, basic electronic circuits, filters, PLC and operational amplifier circuits and applications.

**Courses:** ME36, ME41, ME42, ME48, IF57

**Prerequisites:** EEB112

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP

**Semester:** 1

► **EEB311 ELECTRICAL MEASUREMENT AND MACHINES**

The modules Electrical Measurements and Instrumentation and Introduction to Magnetic Circuits and Electrical Machines introduce the principles of electrical measurements and instrumentation and magnetic circuits, development of theory of single phase and three phase transformers, sensors, PLC's, DSC, and industrial networks. Single phase and three phase transformers, electric machines (motors) including electromechanical energy conversion, reluctance motors, induction motors, D.C. machines, stepper motors, P.C. motors, motor control and heating and cooling.

**Courses:** EE41

**Prerequisites:** EEB212 or EEB213

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP

**Semester:** 1

► **EEB312 ANALOG AND DIGITAL ELECTRONICS**

Module Electronics A provides a basic understanding of the characteristics and operation of discrete semiconductor components. Electronic circuit design is introduced with emphasis on the small signal low and high frequency response of those circuits. Module Digital Electronics gives students a good grounding in the basic principles of digital design, with particular regard to the fundamentals of digital number systems, Boolean algebra, combinational and sequential logic design.

**Courses:** EE41, EE46, EE47

**Prerequisites:** EEB212 or EEB213

**Contact hours:** 5 per week **Credit points:** 12

**Campus offered:** GP

**Semester:** 1

► **EEB340 INTRODUCTION TO TELECOMMUNICATIONS**

Telecommunications systems and the principles underlying their operations are introduced starting from mathematical preliminaries such as the Fourier series and the Fourier transform. Analog modulation techniques (AM and FM), systems and circuits for generation and demodulation,

## UNIT SYNOPSES

analog to digital conversion, pulse modulation and baseband digital data communication techniques are studied using time and frequency domain analyses.

**Courses:** EE41, EE46, EE47

**Prerequisites:** MAB132

**Contact hours:** 4 per week   **Credit points:** 12  
**Campus offered:** GP           **Semester:** 1

### ► EEB411 CLASSICAL CONTROL AND POWER SYSTEMS

The unit is a core unit with the modules Control Systems and Power Systems. It instills the foundation of feedback control theory for engineers and introduces the student to basic classical feedback control theory, analysis and synthesis. The second module covers power generation, and energy sources, electricity market operation, fault calculations, basic protection, and power system operation, in particular real and reactive power control.

**Courses:** EE41, EE42

**Prerequisites:** EEB311, MAB132

**Corequisites:** EEB440

**Contact hours:** 4 per week   **Credit points:** 12  
**Campus offered:** GP           **Semester:** 2

### ► EEB412 ADVANCED ELECTRONICS AND EMBEDDED SYSTEMS

The two modules of this unit provide a basis for electronic circuit design in general but also in connection with microprocessor systems. Operational amplifiers and comparators for use in signal conditioning and instrumentation amplifiers are presented as well as integrated circuits as building blocks for system design. Students are given a good grounding in the basic principles and practical use of embedded microprocessor/microcontroller systems.

**Courses:** EE41, EE46, EE47

**Prerequisites:** EEB312

**Contact hours:** 5 per week   **Credit points:** 12  
**Campus offered:** GP           **Semester:** 2

### ► EEB435 CLASSICAL FLIGHT CONTROL SYSTEMS

The unit consists of the modules Control Systems A and Introduction to Space Technology. It instills the foundation of feedback control theory for engineers and introduces the student to basic classical feedback control theory, analysis and synthesis. The second module covers the synthesis and analysis of launch trajectories and simple planetary and satellite orbits.

**Courses:** EE48

**Prerequisites:** EEB130, EEB212, MMB251

**Contact hours:** 4 per week   **Credit points:** 12  
**Campus offered:** GP           **Semester:** 2

### ► EEB440 CLASSICAL SIGNAL PROCESSING

The unit covers the area of Signals in Linear Systems for which a detailed study of Fourier theory applied to analog signals and to the analysis of linear systems will be given. Systems will be represented in time as well as in frequency and various characteristics and relationships in the two domains will be discussed. Furthermore, circuits and filters will be introduced such as the Butterworth and Chebyshev type. Sampling and discrete-time signal processing will be briefly introduced at the end of the unit.

**Courses:** EE41, EE46, EE47

**Prerequisites:** EEB340, MAB134

**Corequisites:** MAB135

**Contact hours:** 4 per week   **Credit points:** 12  
**Campus offered:** GP           **Semester:** 2

### ► EEB511 MODERN CONTROL AND POWER ELECTRONICS

The unit comprises the modules Control Systems B and Power Electronics. Control Systems B introduces students to discrete-time control by extending the conventional control into the discrete-time domain. As a second part of Control Systems B, the state model oriented approach for designing control systems is introduced. The second module covers power rectification, controlled rectification, inverters, AC and DC drives, uninterrupted power supplies, power switching components.

**Courses:** EE41, EE42   **Prerequisites:** EEB411

**Contact hours:** 4 per week   **Credit points:** 12  
**Campus offered:** GP           **Semester:** 1

### ► EEB512 INDUSTRIAL ELECTRONICS AND DIGITAL DESIGN

Modules Electronics C and Digital Systems Design provide a basic understanding of linear and switch applications in industrial electronics. Practical knowledge associated with interfacing and design are developed. Students will also study the theory and design of advanced embedded digital systems and practical implementation. The practical application of these circuits including interfacing and environment factors will be considered.

**Courses:** EE41, EE46   **Prerequisites:** EEB412

**Contact hours:** 4 per week   **Credit points:** 12  
**Campus offered:** GP           **Semester:** 1

### ► EEB521 DIGITAL SYSTEMS AND CONTROL

The unit comprises the modules "Control Systems B" and "Digital Systems Design. Control Systems B introduces to discrete-time control by extending the conventional control into the discrete-time domain. As a second part of Control Systems B, the state model oriented approach for designing control systems is introduced. As second module, it provides the theory and design of advanced digital systems and practical implementation.

**Courses:** ME40

**Prerequisites:** EEB411, EEB412

**Contact hours:** 4 per week   **Credit Points:** 12  
**Campus offered:** GP           **Semester:** 1

### ► EEB535 MODERN FLIGHT CONTROL SYSTEMS

The modules of this unit are Control Systems B and Flight Control Systems. The unit provides students with an understanding of control system design and analysis for discrete time control systems as well as using the state space approach. Furthermore, it introduces students to different aspects of flight control including factors affecting the performance and simulation. Specific topics such as artificial stability and MILSTDs are also covered.

**Courses:** EE48

**Prerequisites:** EEB412, EEB435

**Contact hours:** 4 per week   **Credit points:** 12  
**Campus offered:** GP           **Semester:** 1

### ► EEB560 DIGITAL COMMUNICATIONS

Revolutionary developments in the field of Digital Communication Technology have enabled improvement in the characteristics of communication systems in order to meet the performance requirements for transmission of information for private, business and industrial applications. This unit which covers Elements of a Digital Communication System aims at providing the students with an in-depth understanding of the theory and applications of digital communication systems and technology.

**Courses:** EE41, EE46, EE47

**Prerequisites:** EEB440

**Contact hours:** 4 per week   **Credit points:** 12  
**Campus offered:** GP           **Semester:** 1

### ► EEB566 REAL-TIME COMPUTER-BASED SYSTEMS

Real-time system requirements, operating system internals, concurrent processes, mutual exclusion, deadlock, memory management, file systems, device drivers, process scheduling, real-time scheduling algorithms, execution time prediction, characteristics of real-time operating systems and real-time languages, real-time system design.

**Courses:** EE46

**Prerequisites:** EEB412, ITB421

**Contact hours:** 4 per week   **Credit points:** 12

### ► EEB584 INTRODUCTION TO DESIGN

Introduction to general principles of electronic circuit and electrical equipment design and realisation; design and implementation of basic electronic circuits; experience in undertaking engineering projects, in report writing, and working in teams. The unit gives students the opportunity to apply their theoretical knowledge to real-life engineering problems.

**Courses:** EE41, EE42, EE48, EE46, EE47

**Prerequisites:** EEB412

**Contact hours:** 1 per week   **Credit points:** 12  
**Campus offered:** GP           **Semester:** 1, 3

### ► EEB585 AEROSPACE SYSTEMS DESIGN

This the first of three aerospace engineering design units for the course. Aerospace design is always carried out in teams and the design is done according to a strict industry-standard systems engineering methodology. In this unit the students will be taught the design methodology itself and will work as a team in order to undertake preliminary design work such as a feasibility study. The design exercise may be associated with one of the school's aerospace projects. Students are expected to participate in review presentations and to prepare formal design reports.

**Courses:** EE48

**Contact hours:** 1 per week   **Credit points:** 12  
**Campus offered:** GP           **Semester:** 1

### ► EEB612 SOFTWARE SYSTEMS DESIGN

The unit introduces students to Software Engineering by considering a whole Software Lifecycle. Each step of the lifecycle is treated in detail, such as concept phase, requirement definition, software design, human-computer interaction, implementation, audits, and maintenance. Software design principles and techniques are presented as well as real-time system design. CASE development tools are briefly introduced as well as object oriented programming for which a structured Object Oriented Analysis and Design are considered.

**Courses:** EE41, EE46

**Contact hours:** 4 per week   **Credit points:** 12  
**Campus offered:** GP           **Semester:** 2

### ► EEB640 DIGITAL SIGNAL PROCESSING

The unit comprises the area of Digital Signal Processing and provides students with the fundamentals of discrete-time signal processing; discrete Fourier transform; discrete convolution; digital filters and spectral estimation, with examples and applications arising from various disciplines, so as to prepare the student to solve practical problems.

**Courses:** EE41, EE46, EE47

**Prerequisites:** EEB440, MAB135

**Contact hours:** 4 per week   **Credit points:** 12  
**Campus offered:** GP           **Semester:** 2

### ► EEB641 FIELDS TRANSMISSION AND PROPAGATION

Fundamental concepts of static and time varying electromagnetic fields; Maxwell's equations and the characteristics of their solution, such as wave equations, losses in various media and energy flow; numerical methods; transmission line theory, terminated line, Smith Circle Chart usage and lattice diagram; propagation modes in waveguides and optical fibre; free-space propagation, reflection, refraction, diffraction; basic antenna theories and antenna parameters, Frii's transmission equation, half-wave dipole, two-element array.

**Courses:** EE41, EE47   **Prerequisites:** MAB135

**Contact hours:** 4 per week   **Credit points:** 12  
**Campus offered:** GP           **Semester:** 1

### ► EEB650 POWER SYSTEMS ANALYSIS

Power system economics: costs of losses, tariffs, plant selection, the National Electricity Market. Power flow calculation algorithms. Protection systems: transformer protection motor protection, feeder protection. Setting of IDMT relays. Quality of electricity supply. Surge phenomena in lines and machines. Switching and lightning surges solution by EMTF. Harmonic analysis of interconnected networks. Electrical safety: earth electrodes, evaluation of step and touch potentials.

**Courses:** EE41, EE42   **Prerequisites:** EEB511

**Contact hours:** 4 per week   **Credit points:** 12  
**Campus offered:** GP           **Semester:** 2

### ► EEB666 COMMUNICATION ENVIRONMENTS FOR EMBEDDED SYSTEMS

Computer networks, network programming, open network foundations, embedded systems, client/server, bus architectures, network controllers, distributed systems in automation and process control, embedded Java, distributed objects, distributed databases, distributed operating systems.

**Courses:** EE46

## UNIT SYNOPSES

**Prerequisites:** EEB412, ITB421, EEB566  
**Contact hours:** 4 per week **Credit points:** 12

► **EEB684 ADVANCED DESIGN**

Detailed design and realisation of typical electronic subsystems used in all areas of electrical and electronic systems engineering. The unit enhances the student's ability in solving complex engineering problems. The design builds on the theoretical knowledge gained in other units. The student is required to write a detailed technical report and also give an oral presentation on her/his design.

**Courses:** EE41, EE42, IF21, IF28, IF59, EE46, EE47

**Prerequisites:** EEB584

**Contact hours:** 1 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **EEB685 ADVANCED AEROSPACE DESIGN**

Detailed design and realisation of typical electronic subsystems used in all areas of electrical and electronic systems engineering. The unit enhances the student's ability in solving complex engineering problems. The design builds on the theoretical knowledge gained in other units. The student is required to write a detailed technical report and also give an oral presentation on her/his design.

**Courses:** EE48 **Prerequisites:** EEB585  
**Contact hours:** 1 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **EEB686 INDUSTRY PRACTICE**

Industry Practice provides high achieving students the opportunity to participate in a co-operative education environment created by a partnership between the student, industry and the University. The unit aims at developing knowledge of, and experience in, the practices and procedures in the workplace environment. Students will apply for paid employment with an industry partner registered for this program. The process will be open and competitive, and an interview will be conducted as for a typical job application process. The duration of the employment is expected to be from 4 to 6 months, with 24 to 40 per week, and must overlap the teaching period of semester 2. Students will participate in a number of professional development workshops delivered on campus. These workshops are designed to present professional topics which students then contextualise in terms of their workplace experience, reflect upon and then communicate to the group. Each student will keep a personal portfolio containing documented job objectives, experiences, critical reflection, and personal and professional development activities. The portfolio is to be maintained in keeping with IEAust competency assessment guidelines.

**Courses:** EE41, EE42

**Prerequisites:** Completion of the first two years of the full-time course

**Contact hours:** 1 per week **Credit points:** 24  
**Campus offered:** GP **Semester:** 2

► **EEB760 AEROSPACE RADIO AND RADAR SYSTEMS**

Radio and radar systems provide the backbone and arteries of all aerospace and avionics systems. A knowledge of the effects of electromagnetic compatibility and interference and the standards which apply as well as a detailed knowledge of the theory and techniques of ground, air and space based radio and radar systems is essential for all avionics engineers. Radio and radar systems are an integral part of the safe and efficient operation of aircraft movements and must be considered as part of the system as a whole.

**Courses:** EE48 **Prerequisites:** EEB560, EEB641  
**Contact hours:** 4 per week **Credit Points:** 12  
**Campus offered:** GP **Semester:** 1

► **EEB766 COMMUNICATION TECHNOLOGIES**

The unit provides an overview of various communication technologies that are used in point to point and point to multi-point wired and wireless communications. The content includes Telephony and Telecommunication switching system, Fibre Optic Transmission system including

Wavelength Division Multiple Access and Synchronous Optical Network (SONET), Satellite communication, Microwave Terrestrial communication, Integrated Services Digital Network (ISDN), Broadband ISDN and ATM, High speed modems, Last miles solutions including ADSL, VDSL and wireless local loops, Cable technologies, Digital Audio and Video broadcasting, Ad hoc radio transmission such as the Bluetooth and Home RF, Wireless LANs including wireless infrared transmission and IEEE8012.11 standard, Speech, image, audio and video coding standards.

**Courses:** EE47 **Prerequisites:** EEB560  
**Contact hours:** 4 per week **Credit points:** 12

► **EEB781 PROFESSIONAL STUDIES 2**

The unit covers the basics of accounting practice, types of companies, marketing principles, business plans, intellectual property and statutory obligations on company managers. There should be adequate skills for young professional engineers to start or be an active partner in a small business. Personnel management skills are developed including assertion training, interpersonal relationships, organisational change, professional ethics and negotiation.

**Courses:** EE41, EE42, EE48, IF59, EE46, EE47  
**Prerequisites:** BNB007

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP

► **EEB782 AEROSPACE PROJECT**

An engineering project on a specified topic is completed; the work will require design, computing, construction, experimental work and practical testing with the submission of appropriate reports; the topic is selected from any area which involves electronics, computing, control, communication, signal processing, and power and may include programming, circuit and system design.

**Courses:** EE48

**Prerequisites:** Student must have completed the first three years of the course.

**Corequisites:** The unit must be done in the final year of the course.

**Contact hours:** 1 per week **Credit points:** 24  
**Campus offered:** GP **Semester:** 1, 2

► **EEB831 MILITARY COMBAT ELECTRONICS**

Sound generation propagation and analysis in the military environment; principles and application of lasers to sighting and guidance systems; principles of detection of submarines using magnetometers; infra red propagation and its use in detection and weapons guidance. ECM/ECCM, Sonar Processing, Laser Processing and Guidance, Radar Guidance/Sighting, Gun Sights, Weapons Control Systems, IFF/Transponders, Command and Control, Magnetic Anomaly Detection, Tactical Navigation Systems, Infra Red. Some ethical, social and moral aspects concerning military systems will be discussed.

**Courses:** EE48

**Prerequisites:** EEB435, EEB560, EEB640, EEB641

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **EEB832 SPACE FLIGHT DYNAMICS**

General introduction to space flight dynamics and related applications. Coordinate systems and time references used within space flight dynamics. Discussion of rocket trajectories and spacecraft dynamics. Detailed description and discussion of Two Body (Keplerian) orbits, orbit representation by Orbital Elements, state vector and Two Line Elements. Orbit prediction and methods for orbit determination. Attitude aspects for rockets and spacecrafts.

**Courses:** EE48

**Prerequisites:** EEB130

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **EEB834 SATELLITE APPLICATIONS**

Design of Communication systems for spacecraft applications. Detailed description, evaluation and analysis of spacecraft and ground stations and overall system performance. Modulation methods, wide-band multiple access, synchronisation, noise effects, Orbit determination and ranging,

Telemetry and command, antennas and TV satellite broadcasting.

**Courses:** EE48

**Prerequisites:** EEB560, EEB640, EEB641

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **EEB860 NAVIGATION SYSTEMS FOR AIRCRAFT AND SPACE**

Avionics navigation systems have been paramount in the development of safe and efficient aircraft operations. The unit covers the various categories of navigation in use in aviation and satellite environments, including navigation equations, multisensor navigation, radio and satellite based navigation systems, inertial navigation, Doppler and altimeter radars, celestial navigation systems, landing systems, air traffic management and avionics interfaces and navigation displays.

**Courses:** EE48

**Prerequisites:** EEB560, EEB641

**Contact hours:** 4 per week **Credit Points:** 12  
**Campus offered:** GP **Semester:** 2

► **EEB889 PROJECT**

An engineering project on a specified topic is completed; the work will require design, computing, construction, experimental work and practical testing with the submission of appropriate reports; the topic is selected from any area which involves electronics, computing, control, communication, signal processing, electrical power, or aerospace/avionics. The project may include programming, circuit and system design.

**Courses:** EE41, EE42, IF21, IF28, IF59, EE46, EE47

**Prerequisites:** The student must have completed the first three years of the course

**Corequisites:** This unit must be done in the final year of the course

**Contact hours:** 1 per week **Credit points:** 24  
**Campus offered:** GP **Semester:** 1, 2

► **EEB904 ADVANCED TOPICS IN ELECTRICAL ENGINEERING A**

This unit introduces students to the current technology based on research that is the expertise of visiting specialists or staff within the School. It runs as an elective in the final year of the course subject to availability of staff and relevance of the topic

**Courses:** EE41, EE42, EE48, IF21, IF28, IF59  
**Credit points:** 12 **Semester:** 1

► **EEB905 ADVANCED TOPICS IN ELECTRICAL ENGINEERING B**

This unit introduces students to the current technology based on research that is the expertise of visiting specialists or staff within the School. It runs as an elective in the final year of the course subject to availability of staff and relevance of the topic

**Courses:** EE41, EE42, EE48, IF21, IF28, IF59

**Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **EEB911 ELECTRICAL ENERGY SYSTEMS**

This subject consists of 3 modules drawn from 6 covering Transmission and Distribution Compensators structure and controls, Quality and reliability of electricity supply, energy utilisation in buildings, lifts fire systems standby generation, lighting, communication, air conditioning, Renewable energy options, characteristics and utilisation of alternate sources. The electricity market, distribution automation, data communications for distribution networks, earthing and soil resistivity, switchgear and protection, insulation coordination.

**Courses:** EE41, EE42, EE48, IF21, IF28, IF59

**Prerequisites:** EEB511, EEB584

**Contact hours:** 4 per week **Credit Points:** 12  
**Campus offered:** GP **Semester:** 1

► **EEB941 MODERN SIGNAL PROCESSING**

This unit gives a comprehensive introduction to the representation and processing of signals distorted or corrupted by noise, and the systems needed to process them. Techniques for estimating signal parameters for the detection of signals in the presence of noise will be discussed. The

methods presented will be tested on real data drawn from different engineering applications, such as: wireless communications; biomedical EEG signals and brain models; speech and music synthesis, and radars.

**Courses:** EE41, EE42, EE48, IF21, IF28, IF59  
**Prerequisites:** EEB640  
**Contact hours:** 4 per week **Credit points:** 12  
**Semester:** 1

► **EEB960 WIRELESS COMMUNICATIONS**

Cellular Mobile Radio System Concepts, Mobile Radio Propagation, Spread spectrum techniques and CDMA, Speech coding modulation and channel coding techniques for GSM and CDMA, Fading mitigation through diversity, Inter-symbol interference mitigation, the GSM and CDMA standards. The WAP and the GPRS, Introductions to UMTS/IMT2000, Introduction to personal communications, Introduction to blue tooth technology, Other wireless systems including Wireless LAN, Wireless Local loop, Microwave local multipoint distribution systems (LMDS) and LEO satellite communication.

**Courses:** EE41, EE42, EE48, IF21, IF28, IF59, EE47  
**Prerequisites:** EEB560  
**Contact hours:** 4 per week **Credit Points:** 12  
**Campus offered:** GP **Semester:** 2

► **EEB961 RF AND APPLIED ELECTROMAGNETICS**

Lumped and distributed microwave and RF circuits, including [y], [t] and [s] parameters. Impedance matching techniques. Passive and active microwave devices. RF circuit design techniques. Microwave and RF measurement techniques. Linear antennas and microwave antennas. Analysis and synthesis of antenna arrays. Specialised antennas and antenna measurements. EMC definition, standards and regulations; test plan; measurements; interference coupling; susceptibility; EMC design techniques, component selection, circuit layouts, grounding, shielding, filters, suppressors, isolation and safety; EMC management; propagation of electromagnetic fields in electrical materials; application of numerical methods.

**Courses:** EE41, EE42, EE48, IF21, IF28, IF59  
**Prerequisites:** EEB641  
**Contact hours:** 4 per week **Credit Points:** 12  
**Campus offered:** GP **Semester:** 1

► **EEB976 ADVANCED INDUSTRIAL ELECTRONICS**

Two of the following modules will be offered each year: 1. Switching converters, variable speed drive control, power system compensation converters, uninterruptible power supplies, transformer switched mode power supplies, resonant power supplies. 2. Basic microprocessor systems, M68332 CPU, architecture, assembly language, MC6832 modules, system integration, queued serial communications, time processor unit, peripheral devices and interfacing, parallel/serial communications, ADC's, DAC's, waveform synthesisers. 3. RF systems, transmitters and receivers, superheterodyne, antenna, filters, LNA, mixer, LO, IF amplifier, demodulator, duplexer, RF switches, impedance matching, high frequency effect on components, microstrip techniques, CAD RF design, interference control.

**Courses:** EE41, EE42, EE48, IF21, IF28, IF59  
**Prerequisites:** EEB412  
**Contact hours:** 4 per week **Credit Points:** 12  
**Campus offered:** GP **Semester:** 2

► **EEB992 VLSI CIRCUITS AND SYSTEMS**

Introduction to microelectronic circuits and systems, MOS transistor fundamentals, fabrication processes, mask layout rules, VLSI logic gates, combinational logic circuits, sequential logic circuits, memory structures. System and subsystem design, semi-custom design, circuit modelling and performance, circuit verification, testability, case studies. CAD Tools for VLSI, VHDL system specification, modelling and verification. Major design project.

**Courses:** EE41, EE45, EE48, IF21, IF28, IF59  
**Prerequisites:** EEB412  
**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** GP **Semester:** 2

► **EET101 ALGORITHMS FOR CONTROL AND ENGINEERING**

Solution of equations using numerical analysis methods and computer algorithms; differential and difference equations, numerical approximations and computational flow diagrams. Computer control of closed-loop systems, continuous and discrete systems, system hardware, sampled data systems design techniques, system simulation; state-space theory, and system performance optimisation; state equation, transformations, state equation solution, closed-loop system pole-placement design, performance criteria, dynamic optimisation methods; spectral analysis and digital filtering; discrete time adaptive filters; an introduction to neural networks and to fuzzy logic.

**Courses:** EE65, EE66, EE76  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **EET102 UNIX AND C FOR ENGINEERS**

Introduction to Operating Systems; commonly used commands, the file structure, the Shell, the vi Editor, Shell script; Types, operators and expressions, control flow, functions, pointers and arrays, structures, input and output. Applications of C and Unix in real time signal processing and control.

**Courses:** EE61, EE67, EE74, EE77  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **EET103 COMPUTER HARDWARE AND INTERFACING**

State-of-the-art digital devices; design and implementation of digital systems; microprocessors and microcontroller systems and interfacing; computer architectures, subsystems and peripherals.

**Courses:** EE61, EE67, EE74, EE77  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **EET104 REAL-TIME OPERATING SYSTEMS**

Definition and introduction: review of current commercial real time operating systems, including QNX and UNIX-like operating systems. Structure: management; input/output management; file management; resource allocation and scheduling; protection; job control and multitasking. Development of programming skills: structured programming techniques, modular programming techniques; documentation of programs; interrupt handling techniques.

**Courses:** EE61, EE67, EE74, EE77  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **EET120 NETWORKS AND DISTRIBUTED COMPUTING**

The Open System Interconnection model and the more common standards which support the model; layers 3-7 covered in depth, layers one and two covered by reference; computers, software packages; network topologies, software techniques, data transfer protocols; examples of local and wide area networks; hardware implementation of OSI layers and protocols; Modern High Performance Networking protocols such as FDDI and ATM, treated as extensions of the OSI model.

**Courses:** EE61, EE67, EE74, EE77  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **EET123 PROCESS CONTROL AND ROBOTICS**

Introduction to robotics; introduction to CNC machine tools; process control; controller tuning, plant characterisation and process optimisation; computer simulation and algorithms.

**Courses:** EE61, EE67, EE74, EE77  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **EET124 DATA COMMUNICATIONS**

This unit will provide an in-depth knowledge of data transmission channels; the various types of modems, their use and specifications; the different aspects of interfacing for data communications; coding; compression and encryption of

data; network models and other specialised topics.

**Courses:** EE61, EE67, EE74, EE77  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **EET126 COMMUNICATIONS DIGITAL SIGNAL PROCESSING**

Source and channel coding; waveform coding; adaptive filtering in communication; applications of speech technology in communication; applications of DSP technology; real time DSP devices and their applications in communications.

**Courses:** EE61, EE67, EE74, EE77  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **EET127 ADVANCED TOPIC B**

An advanced topic in the field of computers and communication engineering. This topic will change from year to year and is announced at the beginning of the semester.

**Courses:** EE61, EE67, EE74, EE77  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1, 2

► **EET128 DETECTION AND ESTIMATION**

Introduction to the theory of random variables and probability; signal detection; hypothesis tests, Neyman-Pearson detectors; uniformly most powerful tests for Gaussian case. Examples of detection of: an unknown deterministic signal in Gaussian noise of known probability distribution; Matched-Filter interpreta image restoration; introductory mathematical morphology, boundary detection techniques and algorithms; image segmentation; shape description techniques; neighbourhood operators; and image representation by stochastic models.

**Courses:** EE61, EE67, EE74, EE77  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **EET129 IMAGE PROCESSING AND COMPUTER VISION**

A thorough investigation of digital image representations, image analysis and understanding and an exposure to some aspects of computer vision techniques and applications. Image representation and modelling; image enhancement; image restoration; introductory mathematical morphology, boundary detection techniques and algorithms; image segmentation; shape description techniques; neighbourhood operators; and image representation by stochastic models.

**Courses:** EE61, EE67, EE74, EE77  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **EET135 DIGITAL SIGNAL PROCESSING AND APPLICATIONS**

General properties of stationary processes; basic spectral properties of the processes; practical aspects of digital spectral estimation; identification of linear systems; digital higher-order spectral estimation; identification of non-linear systems; an update in the advances in digital signal processing.

**Courses:** EE61, EE67, EE74, EE77  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **EET137 ADVANCED TOPIC A**

An advanced topic in the field of computers and communication engineering. This topic will change from year to year and is announced at the beginning of the semester.

**Courses:** EE61, EE67, EE74, EE77  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **EET201 FUNDAMENTALS OF POWER SYSTEM EARTHING**

Electrode resistance, potential gradient areas of common types of electrodes; multiple electrodes; stratified grounds electric shock, calculation of step and touch potentials; introduction to substation earthing: ground potential rise, connection of services, grid and mesh potentials; measurement of soil resistivity and electrode resistance; earthing of transmission lines: tower foot resistance, current division between ground and aerial earth wires, division of earth currents at substations; earth current distribution on faulted lines;



## UNIT SYNOPSES

distribution systems: MEN, SWER, safety during faults; flow of lightning currents to ground.

**Courses:** EE60, EE78, EE82

**Contact hours:** 3 per week      **Credit points:** 4  
**Campus offered:** GP

### ► EEP202 THERMAL RATINGS AND HEAT TRANSFER

Thermal conduction in simple geometries; forced and natural convection from plates and cylinders - common heat transfer correlations; radiation from hot surfaces; view factors; calculation of steady-state and time-varying temperatures in conductors; temperature measurement methods for high voltage equipment; thermal ratings of overhead lines - steady-state, cyclic and short-time ratings; cable rating - temperature rise due to step current, cyclic and emergency loads; temperature rise of power transformers - cooling methods, emergency overloads.

**Courses:** EE60, EE78, EE82

**Contact hours:** 3 per week      **Credit points:** 4  
**Campus offered:** GP, EXT

### ► EEP203 TESTING AND CONDITION MONITORING

HV testing: DC, 50 Hz, and impulse - equipment, measurement systems, standard test methods, certification and traceability, evaluation of test reports; HV test methods for insulators, bushings, circuit breakers, isolators and surge arresters. Temperature rise testing of electrical equipment: lines cables, and switchgear. Current withstand testing; current interruption tests for fuses and circuit breakers. Evaluation of test reports - accuracy and traceability. Insulation testing: oil testing, DLA and PD tests. Condition monitoring systems: plant temperature, circuit breaker dynamics, insulation condition; in situ methods.

**Courses:** EE60, EE78, EE82

**Contact hours:** 3 per week      **Credit points:** 4  
**Campus offered:** GP

### ► EEP204 POWER SYSTEM LOAD FLOW ANALYSIS

Data collection methods; p.u. revision; load flow algorithms: convergence criteria, multiple solutions, starting values, ordering and sparsity of matrices; single and three-phase models: transformers, tap changers, overhead transmission lines, underground cables, capacitors and filters, controlled reactive devices, generators and motors, load representation. Load flow applications: base case and contingency analysis in planning augmentation options, system operations contingency analysis; Load flow analysis methodology - use of load forecasts, establishment of 'base case'; Practice in analysis of transmission and distribution systems using an interactive package.

**Courses:** EE60, EE78, EE82

**Contact hours:** 3 per week      **Credit points:** 4  
**Campus offered:** GP, EXT      **Semester:** 1, 2, 3

### ► EEP205 POWER SYSTEM FAULT CALCULATIONS

Representation of generators, lines, transformers in positive sequence equivalent circuits; balanced fault analysis; selection of source voltages from pre-fault conditions; unbalanced fault conditions; complete sequence representation of power system equipment: transformers, cables and lines (including mutual coupling of parallel lines); per unit positive, negative and zero sequence network diagrams; calculation of generator and transformer sequence equivalent circuits from manufacturer's test data; calculation of line sequence impedances from line layout and soil resistivity - inclusion of tower foot resistances in zero sequence models; residual currents in untransposed lines; interference with telecommunications circuits; short circuit calculations to AS3581 using an interactive computer package.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP204  
**Contact hours:** 3 per week      **Credit points:** 4  
**Campus offered:** GP

### ► EEP206 PROJECT MANAGEMENT

Principles of project management and the operation of project management packages. Emphasis on the practical application of PC packages based on exercises related to the electricity sup-

ply industry and aimed at promoting the increased use of such packages by engineering and technical staff in the normal course of their work. Details include activity networks, Gantt charts, time schedules, analysis of critical path, types of resources, resource profiles, resource scheduling, project monitoring and reporting.

**Courses:** EE60, EE78, EE82

**Contact hours:** 3 per week      **Credit points:** 4  
**Campus offered:** GP

### ► EEP207 OVERHEAD LINE ROUTE SELECTION - ENVIRONMENTAL FACTORS

Overview of legislation, standards and guides: radio interference, electromagnetic fields, low frequency induction, touch potentials, structure earthing, electrolytic corrosion, clearances, land legislation, environmental impact statements. Current safety and environmental issues. Requirements of other public utilities - telcos, railways, roadworks, marine, water, gas, oil. Cost of environmental enhancements and alternative technologies. Right of way. Route selection principles: structure types, terrain shielding, identification of natural and man-made features.

**Courses:** EE60, EE78, EE82

**Contact hours:** 3 per week      **Credit points:** 4  
**Campus offered:** GP

### ► EEP208 ECONOMIC ANALYSIS FOR POWER SYSTEM ENGINEERS

Principles of economic analysis for a tax paying entity. Various evaluation techniques are addressed including both discounted and non discounted techniques. The net present value approach is settled on as being the most appropriate approach. Issues such as the effect of interest and inflation on nominal cash flows are addressed. Cost benefit analysis for engineering decision making: econometric models for ESI, maintenance, refurbishment and replacement. Budgeting and cost control, budget preparation with spreadsheets, cash flows, monitoring expenditure and budget review, profit and loss and balance sheets. Risk analysis including WACC calculations.

**Courses:** EE60, EE78, EE82

**Contact hours:** 3 per week      **Credit points:** 4  
**Campus offered:** GP, EXT

### ► EEP209 POWER SYSTEM HARMONICS

Generation of harmonics: converters, arc furnaces, SVC, inverters, electronic control; system response characteristics: resonance conditions, effect of load, typical system responses; effects of harmonics: motors, generators, power cables, capacitors, electronic equipment, metering, relaying, telephone interference; reactive power compensation and harmonic control: converter power factor, reactive power compensation, control of harmonic currents; measurement of harmonics; recommended practices including AS2279.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP205  
**Contact hours:** 3 per week      **Credit points:** 4  
**Campus offered:** GP, EXT

### ► EEP210 ABNORMAL SYSTEM VOLTAGES

Supply quality standards: review of criteria, statutory requirements, emergency and short term limits; 50 Hz voltage: cause of voltage deviations, voltages during faults, motor starting; negative phase sequence voltages: AS1359 requirements, voltage unbalance studies, modelling, measurement; voltage transients and flicker: AS2279 requirements, disturbing loads, remedial measures, transient disturbances and power system plant; Power system transient analysis: ATP studies.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP205

**Contact hours:** 3 per week      **Credit points:** 4  
**Campus offered:** GP, EXT

### ► EEP211 BASIC POWER SYSTEM PROTECTION

Protection systems: Reliability and security. Methods of grading protection relays. Speed/sensitivity considerations. Comparison of 'unit' and 'non-unit' protection. Different causes and characteristics of the faults that occur

on power systems and the specific protection relays that are used to detect them. Examination of local back-up protection. Effects of substation configurations on protection system design and performance. Various types of relays - electromechanical and electronic. Current and voltage transformers - theory and specification for different applications, including interposing current transformers. Protection of high voltage buses. Transformer protection - basic overview of the different types, including differential protection overcurrent and earth fault protection. Inverse time relays. Setting overcurrent and earth fault relays to achieve a coordinated scheme. Instantaneous overcurrent relays. Directional overcurrent and earth fault relays. Reclosers, sectionalisers and fuses - application and coordination. Distance relays - theory and construction. Setting distance relays for simple applications. Field testing and operational analysis of protection. Commissioning and maintenance of protection systems. Performance of protection under fault conditions. Information available for the analysis of protection performance.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP205

**Contact hours:** 3 per week      **Credit points:** 4  
**Campus offered:** GP, EXT

### ► EEP212 ADVANCED POWER SYSTEM PROTECTION

High impedance protection of power system plant (busbars, motors, generators, reactors and capacitors) including CT requirements, the application of shunt and series resistors, non-linear resistors, check schemes, back-up schemes and CT supervision. Protection of transformers, including biased and high impedance differential schemes as well as aspects related to earthing transformers. Feeder differential protection, including pilot wire, current differential and phase comparison schemes. Protection of high voltage capacitor banks, including consideration of in-rush currents, overcurrent, over voltage, balance, and differential protection schemes. Application of single and three pole autoreclosing schemes to HV and EHV transmission systems. Protection of large motors, including differential and earth fault protection, thermal overload considerations, starting and stalling currents and the effect of negative phase sequence currents. Protection of large generators, including stator and rotor earth fault protection, biased differential, high impedance differential, negative phase sequence, under frequency, over excitation, reverse power and out-of-step protections.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP211

**Contact hours:** 3 per week      **Credit points:** 4  
**Campus offered:** GP, EXT

### ► EEP213 ADVANCED POWER SYSTEM PROTECTION

High impedance protection of power system plant (busbars, motors, generators, reactors and capacitors) including CT requirements, the application of shunt and series resistors, non-linear resistors, check schemes, back-up schemes and CT supervision. Protection of transformers, including biased and high impedance differential schemes as well as aspects related to earthing transformers. Feeder differential protection, including pilot wire, current differential and phase comparison schemes. Protection of high voltage capacitor banks, including consideration of in-rush currents, overcurrent, over voltage, balance, and differential protection schemes. Application of single and three pole autoreclosing schemes to HV and EHV transmission systems. Protection of large motors, including differential and earth fault protection, thermal overload considerations, starting and stalling currents and the effect of negative phase sequence currents. Protection of large generators, including stator and rotor earth fault protection, biased differential, high impedance differential, negative phase sequence, under frequency, over excitation, reverse power and out-of-step protections.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP211

**Contact hours:** 3 per week      **Credit points:** 4  
**Campus offered:** GP, EXT

**► EEP214 RISK ASSESSMENT IN THE ELECTRICITY SUPPLY INDUSTRY**

Identification of hazards; failure modes and effects analysis, failure modes effects and criticality analysis - outcomes from possible failure modes; hazard and operability studies; assessment of frequency - fault tree analysis, event tree analysis; assessment of consequences: consequence analysis, criticality assessment in terms of chance of failure and consequences, incident scenario, damage criteria, damage identification; legal and economic consequences; case studies including identification of hazards, assessment of risks, and consequences in ESI. Loss of load models in generation.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP215

**Contact hours:** 3 per week **Credit points:** 4

**Campus offered:** GP, EXT

**► EEP215 RELIABILITY**

Basic reliability concepts. Reliability analysis methods. Reliability methods. Application of important distributions. Failure rate, repair time and mean time failure. Reliability of series, parallel and complex systems. Discrete Markov Chains. Continuous Markov processes. Frequency and duration in reliability. Application of Markov Chain in the reliability evaluation of repairable systems. Application of reliability evaluation in power distribution systems, inclusion of cost estimation. Reliability assessment in subtransmission system planning, including non-constant transition rate considerations. Study of single and double contingencies with switching to restore supply. Inclusion of maintenance in system modelling. Probability and frequency of loss of load. Unsupplied energy and average load at risk. Maximum load at risk. Average outage duration. Hours of loss of load.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP213

**Contact hours:** 3 per week **Credit points:** 4

**Campus offered:** GP, EXT

**► EEP216 OVERHEAD LINE DESIGN - ELECTRICAL**

Electrical design of transmission lines with ratings of 33kV to 500kV; economic conductor size; characteristics of conductors; standard and new technology insulators: power frequency, impulse and switching flashover voltage, pollution and creepage, wet and dry flashover, mechanical characteristics; feasible structure types; tower footing resistance and counterpoise; Insulation coordination methodology: determination of overvoltage withstand, design for required outage; determination of RI using state of the art methods; design to ensure that electrostatic and electromagnetic fields do not exceed NH and MRC guidelines.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP201, EEP203, EEP205, EEP207, EEP210

**Contact hours:** 3 per week **Credit points:** 4

**Campus offered:** GP

**► EEP217 OVERHEAD LINE DESIGN - MECHANICAL**

Conductor selection. Catenary theory. Sag-tension-temperature calculations. Requirements for survey data. Statutory and enterprise requirements for line layout: clearances, mechanical loading, safety criteria. Definition of loading conditions, structure capacities, layout clearances. Applied mechanics of strung conductors. Determination of everyday tensions from allowable stress or tension/mass ratio. Determination of vibration protection. Transmission line estimating techniques. Selection of structure type based on optimum capitalised costs. Line layout.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP208, EEP216

**Contact hours:** 3 per week **Credit points:** 4

**Campus offered:** GP

**► EEP218 INTRODUCTION TO AUTOMATED SYSTEM CONTROL AND SUPERVISORY SYSTEMS**

SCADA fundamentals and protocols; SCADA equipment: master station, remote terminal units; transmission SCADA systems, distribution automation systems, distribution control systems,

PC software applications; alarm philosophy and control principles: definition of system displays, data logging, database point processing and attributes, master station configuration; specification of MMI: identification of system functional requirements; computer system platforms: computer technology fundamentals, computer hardware - processors, peripherals, display, user interfaces; communication system principles, communications bearer fundamentals, data networks and protocols; data communications and I/O capacities and types, I/O processing; application of SCADA systems to transmission and distribution systems; cost/benefits of alternative schemes.

**Courses:** EE60, EE78, EE82

**Contact hours:** 3 per week **Credit points:** 4

**Campus offered:** GP

**► EEP219 HIGH VOLTAGE SUBSTATION EQUIPMENT: POWER TRANSFORMERS AND REACTIVE POWER PLANT**

Principles of power transformer design from distribution transformers to EHV transformers: ratings, windings, core structure and materials, insulation and cooling methods, insulation and lifetime; leakage and magnetising reactance; losses, harmonics and inrush currents; short circuit forces; tests to measure: ratio, losses, impedance, phasing, temperature rise, accuracy and traceability of tests, interpretation of test reports; surge phenomena in windings, RSG and impulse testing of power transformers, interpretation of test results; oil cooling systems; fire protection; tap changers and associated controls; analysis of transformer failure modes; In-phase and quad-boost regulators; series and shunt reactors; reactors for harmonic filters; SVCs: design considerations, equipment characteristics and equipment characteristics.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP203

**Contact hours:** 3 per week **Credit points:** 4

**Campus offered:** GP

**► EEP220 DISTRIBUTION PLANNING**

Identify data and techniques used in load forecasting. Examine typical distribution network problems and identify performance limitations based on standards. Relate network problems to different configurations and the effects on customers. Study network reinforcement options on a simulation package. Options include regulators, series and shunt capacitors and reconductoring. Consider the above options to address a realistic network problem assessing line losses and voltage results. Analyse network reliability and assess the impact of ties, switches and various network configurations. Compare alternatives based on economic and technical considerations. Prepare a logical case which recommends one option in the form of a report.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP208, EEP211, EEP219

**Contact hours:** 3 per week **Credit points:** 4

**Campus offered:** GP

**► EEP221 LIMITS TO POWER SYSTEM STABILITY**

Time domain models and characteristics of synchronous machines; induction generator models; assessment of model bandwidth for use in dynamic studies; excitation system models, turbine governor models, boiler models, hydraulic system models; characteristics of load plant; evaluation of small signal adequacy by eigenvalue analysis; determination of modes of electromechanical and control systems; identification of modes with insufficient damping, eigenvalue participating states and eigenvectors; establishment of transfer evaluation of gains/phases at identified model frequencies; time domain dynamic simulations of power system operation, identification of maintenance liabilities, identification of critical success factors to minimise life cycle costs, approval and dissemination of policy, policy review; maintenance planning: identification of constraints, review of existing maintenance programs, establishment of plans for periodic actions, documentation of procedures, design of reporting procedures; data re-

coding and analysis: registers of defects, design of data collection and reporting systems, preparation of control charts, computer systems, data base development; maintenance operations: identification of refurbishment needs, resource evaluations, design of work procedures, impact of Acts and regulations, identification of staff training needs, supervision, auditing of work practices; maintenance program evaluation: assessment against KPI, modification of programs to account for continuing defects and failures or to reflect changing technologies.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP214, EEP215

**Contact hours:** 3 per week **Credit points:** 4

**Campus offered:** GP

**► EEP222 MAINTENANCE OF ELECTRICITY SUPPLY SYSTEMS**

Establishment of maintenance policies: review of failure rates, emergency spares, identification of maintenance liabilities, identification of critical success factors to minimise life cycle costs, approval and dissemination of policy, policy review; maintenance planning: identification of constraints, review of existing maintenance programs, establishment of plans for periodic actions, documentation of procedures, design of reporting procedures; data recording and analysis: registers of defects, design of data collection and reporting systems, preparation of control charts, computer systems, data base development; maintenance operations: identification of refurbishment needs, resource evaluations, design of work procedures, impact of Acts and Regulations, identification of staff training needs, supervision, auditing of work practices; maintenance program evaluation: assessment against KPI, modification of programs to account for continuing defects and failures or to reflect changing technologies.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP214, EEP215

**Contact hours:** 3 per week **Credit points:** 4

**Campus offered:** GP

**► EEP223 LOAD FORECASTING**

Nature of load patterns: historical patterns, links between customers and loads and between energy and demand demographics. Categories of DSM, costs of DSM options, benefits, and limitations to DSM. Tariffs and their impact. Impact of economic trends on demand growth. Load manipulation. Load forecast methods: data collection and availability, weather correction, interpreting data, synthesising missing data, developing load forecast data, developing alternative scenario load forecasts. Establishment of base loads from: historical load data, customer load predictions, and other contributing factors. Prediction of growth rates. Generation of load forecasts.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP213

**Contact hours:** 3 per week **Credit points:** 4

**Campus offered:** GP

**► EEP224 POWER SYSTEM OPERATION**

Frequency control and AGC under normal load conditions, operation under emergency and contingency conditions, black starting, load shedding philosophy; generation operation; contract fuel prices, variations, automatic generation control systems; analysis of power station operating costs; establishment of optimum operating costs; management of forced outages: management of resources to restore system to normal in minimum time, abnormality control to prevent plant damage and maintain personnel safety, logging and reporting of forced outages; coordination of planned outages including assessment of risks and contingency planning; control of reactive power and voltage levels under normal and abnormal conditions; load reduction - instantaneous, delayed and planned; maintenance of consumer services and records.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP202, EEP212, EEP214, EEP221, EEP223

**Contact hours:** 3 per week **Credit points:** 4

**Campus offered:** GP

## UNIT SYNOPSES

### ► EEP230 THESIS A

Students work in industry for 100 days of supervised practice. As part of this practical training, one or more linked topics are identified that are related to the work of the section in which the training is carried out. A Masters thesis is prepared describing results of studies done by the student during the practical training. It is expected that the thesis will demonstrate that students have a deep background knowledge of the topic, can apply advanced skills to formulation and solution of engineering problems, and have an understanding of the relationship of the work to the overall objectives of the workgroup. The thesis will be examined by internal and external examiners appointed by the University.

**Courses:** EE78

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP

### ► EEP231 THESIS B

Work done in this unit and the related unit EEP230 is examined by submission of a single Masters thesis.

**Courses:** EE78

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP

### ► EEP240 ORGANISATION AND FINANCIAL MANAGEMENT OF THE ESI

Financial reporting, including profit and loss and balance sheet; interpretation of financial data and commercial practices with respect to various line items in financial reports; key performance indicators, the derivation, interpretation and pitfalls; financing arrangements; taxation issues that affect the industry including income tax, repairs, tax effect of depreciation and capital gains tax; various asset management issues including inventory and fixed assets; cost volume profit analysis including breakeven, contribution margin and EBIT.

**Courses:** EE60, EE78, EE82

**Contact hours:** 3 per week    **Credit points:** 4  
**Campus offered:** GP

### ► EEP241 DISTANCE PROTECTION

Current transformers: transient performance, saturation factors, and effects on distance relay performance. Voltage transformers: transient performance and effects on distance relay performance. Distance protection: select a suitable relay characteristic based on an understanding of relay comparator operation (amplitude and phase angle comparators), implement non-switched distance protection schemes, implement switched distance protection schemes (including allowance for various starter characteristics), allow for the effects of mutual coupling with other feeders, design protection schemes and set relays for teed feeder systems and also for bridges or paralleled feeder configurations, allow for the effects of arc and/or fault resistance, ensure that load encroachment does not cause inadvertent tripping, ensure healthy phase fault currents do not degrade distance relay performance, develop a grading plan to ensure coordination with protection relays (including IDMT relays) elsewhere on the power system, understand relay functions such as switch-onto-fault logic, VT supervision, memory, power swing blocking and healthy phase polarising. Protection signalling: direct, series, permissive (overreaching and underreaching), distance acceleration and blocking inter-tripping.

**Courses:** EE60, EE78, EE8

**Prerequisites:** EEP211

**Contact hours:** 3 per week  
**Campus offered:** GP

### ► EEP242 EFFICIENT MARKETING AND UTILISATION OF ELECTRICITY: DEMAND AND SUPPLY SIDE SOLUTIONS

Assessment of future DSM options: state, national and international DSM programs assessed; local opportunities examined; impact of new and evolving technology; compare options and select for cost effectiveness, load impact and community acceptance; determination of avoidable costs; assessment of marginal cost of supply and identification of unavoidable and avoidable

costs; survey of customer needs and wants: conducting market research; application of existing tariffs or development of new tariffs; planning and estimating market potential for DSM: comparison of options to develop the optimum plan to meet customer needs and supply authority requirements; economic comparison of DSM and SSM options for a specific project including combined options; design and implement DSM program: targets, resources, in-house or contract; monitoring program performance; assessment of DSM on local and system load forecasts.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP208, EEP223

**Contact hours:** 3 per week    **Credit points:** 4  
**Campus offered:** GP

### ► EEP243 CONTRACT ADMINISTRATION

Categories of contracts: supply; supply, deliver and erect; performance guaranteed; services, for example, maintenance; period for supply of stock items or services; general conditions of contract: terms of payment and security deposit; quality assurance procedures; retention conditions; special conditions of contract: delivery and penalties for delay; technical provisions; penalty/bonus for such factors as efficiency, performance, maintenance and reliability; pre-tender acceptance negotiation practice; evaluation of tenders: tender adjustments; determination of the lowest comparatively priced offer on a total capitalised cost basis which conforms with the specified technical and commercial requirements; tender acceptance; contract correspondence; drawings - standards, amendment; contract law, dispute resolving procedures; contract progress monitoring; approval of drawings and documents; approval of delivery, erection, site testing. Acceptance, takeover, maintenance period, retention provisions.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP208

**Contact hours:** 3 per week    **Credit points:** 4  
**Campus offered:** GP

### ► EEP244 CIRCUIT BREAKERS - SWITCHGEAR

Basic switching theory for the main circuit breaker types: SF6, Vacuum, GIS, minimum oil, airbreak (11kV), bulk oil; characteristics and applications for these types at various voltage levels; circuit-breaking principles: interruption of load current, small inductive current, short-line faults and out-of-phase switching; TRV and ITRV concepts; direct and synthetic testing; technical specifications of circuit breakers: operating voltage; impulse withstand; rated current; interrupting capacity; switching duties; operating mechanisms - single or 3 pole; clearing time; environment; selection of circuit breakers: analysis of tenders on a whole of life basis; circuit breaker failures: failure modes for different types; catastrophic failures; cost estimating procedures; comparison of design/site options; whole of life cost comparison including capital and operative costs; environmental and public issues; identification of design parameters: voltages, ratings, protection, metering, SCADA, communication, operational - preparation of one-line diagram and general arrangement; design scope; review with other parties.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP202, EEP219, EEP244

**Contact hours:** 3 per week    **Credit points:** 4  
**Campus offered:** GP

### ► EEP245 INTRODUCTION TO SUBSTATION DESIGN

Preparation of design/site options: standard layouts (outdoor, indoor, GIS, package, single bus, 1.5 CB, etc) - cost, site, reliability lead time and communication factors; estimating procedures; comparison of design/site options; whole of life cost comparison including capital and operative costs; environmental and public issues; identification of design parameters: voltages, ratings, protection, metering, SCADA, communication, operational - preparation of one-line diagram and general arrangement; design scope; review with other parties.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP202, EEP219, EEP244

**Contact hours:** 3 per week    **Credit points:** 4  
**Campus offered:** GP

### ► EEP246 CUSTOMER METERING

Tariff structures network and retail. Metered parameters kW, kWh, var, varh, VA, VAh, power factor, demand and the interrelationships between them. Electronic metering multifunction, measurement methods, advantages and limitations. HV metering, import/export metering, limitations, Blondel's theorem, safety aspects. Current and voltage transformers-theory of operation and accuracy limitations. Metering in the deregulated market viz Ch7 National Electricity Code. Single and polyphase electromechanical metering-method of operation and techniques used to measure reactive power. Electronic registers, summation registers and other techniques for customers with multiple points of supply. Communication methods in remote meter reading. Standards and regulatory bodies-Australian and international.

**Courses:** EE82, EE60, EE78

**Contact hours:** 3 per week    **Credit Points:** 4  
**Campus offered:** GP

### ► EEP248 INTRODUCTION TO ELECTRICITY MARKETS

Problems associated with monopoly utilities and the central planning model. Economic models of markets including perfect competition, monopoly and oligopoly. Deregulation of the electricity supply industry. Applied competition on electricity generation: the spot market. Theory of derivative instruments. Applied risk management: the electricity derivatives market. Electricity market simulation. Potential failures in the deregulation environment.

**Courses:** EEP248

**Contact hours:** 3 per week    **Credit Points:** 4  
**Campus offered:** GP

### ► EEP301 PROJECT 1/2

Students carry out research or development work on a project in specified areas. This can be done over two semesters.

**Courses:** EE74, EE77    **Credit points:** 24  
**Campus offered:** GP    **Semester:** 1, 2

### ► EEP302 RESEARCH COMPONENT 1

**Campus offered:** GP

### ► EFB101 DATA ANALYSIS FOR BUSINESS

The unit introduces the common statistical methods and tools for inference and decision making in business. It builds upon the concepts developed in BSB122 and covers important methods of data analysis with an emphasis on interpreting and understanding reported business and economic data. Topics include the concept of sampling error and sampling distributions, estimation and hypothesis testing, regression analysis, time series and an introduction to non-parametric statistical methods.

**Courses:** BS56, ED50, IF28, IF30, IF37, IF41, IF47, IF48, IF56, IF61, IF62, IF72

**Prerequisites:** BSB122

**Contact hours:** 4 per week    **Credit points:** 12  
**Incompatible with:** EPB109, EPB110,

MAB101, MAB347

**Campus offered:** GP    **Semester:** 1, 2, 3

### ► EFB102 ECONOMICS 2

Consumer behaviour, the role of the government in market intervention, allocative efficiency and market structure are some of the fundamental issues in microeconomics addressed in this unit. Business cycles and the related issue of macroeconomic stabilisation policy are analysed and explained within the Australian context. The significance of the international economy is described through a discussion of foreign exchange markets, the Australian dollar and the terms of trade.

**Courses:** BS50, BS56, ED50, IF28, IF30, IF37, IF41, IF48, IF60, IF62, IF72

**Prerequisites:** BSB113

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** EPB116 and EPB172;

EPB140 and EPB150 if both have been passed;

EFB103 and EFB104 if both have been passed

**Campus offered:** GP    **Semester:** 1, 2, 3

► **EFB200 APPLIED REGRESSION ANALYSIS**

Expands on the basic multiple regression model introduced in EFB101, by examining the practical problems encountered in using the single equation econometric model. In particular, the major problems encountered using real data, such as multicollinearity, serial correlation in time series data and heteroskedasticity in the case of cross-section data, specification error, and alternative functional form issues will be illustrated in the context of published Australian data. The unit includes extensive use of a commonly used computer package to allow the practical application of the various techniques.

**Courses:** BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF62.  
**Prerequisites:** EFB101 or MAB101  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** EPB102  
**Campus offered:** GP **Semester:** 1

► **EFB201 FINANCIAL MARKETS**

This unit introduces students to the institutional structure of global financial markets, and thereby complements the understanding of theoretical finance gained in either EFB206 or EFB210. Topics covered include the functions of financial markets, the banking and payments system, financial system deregulation, non-bank financial institutions, stock exchange operations, corporate and government debt markets, the Euromarket and markets for financial derivatives.

**Courses:** BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF62  
**Prerequisites:** EFB206 or EFB210  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** FNB100  
**Campus offered:** GP **Semester:** 1

► **EFB202 BUSINESS CYCLES AND ECONOMIC GROWTH**

Develops an analytical framework in order to evaluate the macroeconomic performance of the Australian economy and the policy actions taken by government. Key issues addressed include business cycle stabilisation, unemployment, inflation; economic growth; the foreign debt; budget deficits; and national saving.

**Courses:** BS50, BS56, ED50, IF28, IF30, IF41, IF47, IF48, IF60, IF62, IF72  
**Prerequisites:** EFB102  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** EPB141, EPB142  
**Campus offered:** GP **Semester:** 1

► **EFB210 FINANCE 1**

An introduction to the Australian institutional framework; terminology; debt and equity instruments. Financial mathematics applied to the pricing of debt and equity securities. A firm's investment decision; Net Present Value (NPV) and Internal Rate of Return (IRR); introduction to risk and uncertainty; Capital Asset Pricing Model (CAPM) and Weighted Average Cost of Capital (WACC).

**Courses:** BS50, BS56, IF28, IF30, IF37, IF41, IF47, IF48, IF56, IF60, IF62  
**Prerequisites:** BSB110 and BSB113  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** FNB107, FNB111, EFB206  
**Campus offered:** GP **Semester:** 1, 2

► **EFB211 FIRMS, MARKETS AND RESOURCES**

The unit introduces students to economic concepts that may be used beneficially in managerial decision-making. It is concerned with the economic analysis of the motivations, decisions and actions of consumers, firms, and governments in modern economies. It develops student understanding of that body of economics that is expressly concerned with the operations of, and inter-relationships between, the individual units of the economy. The unit is designed, not only to foster both clear thinking about the interplay between government, private firms, and consumers, but also to develop the student's ability to apply microeconomic concepts to economic problems that the student has not previously encountered.

**Courses:** BS56, ED50, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62, IF72

**Prerequisites:** EFB102

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** EPB151, EPB152  
**Campus offered:** GP **Semester:** 1

► **EFB307 FINANCE 2**

The financing decision: capital structure, debt versus equity, lease versus debt, term structure versus default structure of interest rates. The dividend decision: dividends versus capital gains, franked versus unfranked income. Firm valuation: free cash flow model, evaluation of takeovers. Risk and Return: diversification, the CAPM model, its practical application and its relationship to efficient market hypothesis. Introduction to forwards, futures, options, warrants, convertibles and risk management using financial derivatives.

**Courses:** BS56, IF28, IF30, IF37, IF41, IF47, IF48, IF60, IF61, IF62  
**Prerequisites:** EFB210  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** FNB112  
**Campus offered:** GP **Semester:** 1, 2

► **EFB308 FINANCE 3**

A study of contemporary finance research; CAPM; beta estimation; valuation theory; market efficiency; value at risk; use of finance research tools; anomalies and extension of finance theories; students are required to complete a research project combining theory and practice.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF60, IF62  
**Prerequisites:** EFB307  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** FNB113  
**Campus offered:** GP **Semester:** 2

► **EFB309 FINANCIAL DERIVATIVES**

Extends students' knowledge of financial derivatives as obtained in Finance 2, to gain a sound understanding of derivatives including options, forward, futures, and swaps and exotic options etc, as well as their utilisation in the management of risk and maximisation of value. Advanced option pricing models, advanced option trading strategies, exotic options, forward and futures pricing models, hedging commodities and equities by using futures, forward rate agreement and interest rate swaps, financial risk management issues.

**Courses:** BS50, BS56, IF28, IF30, IF41, IF45, IF47, IF48, IF60, IF62  
**Prerequisites:** EFB307  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **EFB310 FINANCIAL INSTITUTIONS - CONTROL**

Designed to familiarise students with the management considerations of a financial institution, particularly from a financial management perspective. Students will gain an understanding of the relevance of both qualitative and quantitative financial management within the financial institution.

**Courses:** BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF62  
**Prerequisites:** EFB206 or EFB210  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** FNB124, FNB115  
**Campus offered:** GP **Semester:** 2

► **EFB311 FINANCIAL INSTITUTIONS - LENDING**

Finance theory and the lending function; cost of bank funds; the evaluation of retail loans, lending to small business; financial statement analysis; corporate lending and securities; financing international trade; problem loans and credit scoring.

**Courses:** BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF62  
**Prerequisites:** EFB206 or EFB210  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** FNB114  
**Campus offered:** GP **Semester:** 1

► **EFB312 INTERNATIONAL FINANCE AND ECONOMICS**

Examines the theory and practice of international finance, including the mechanics and uses of the spot, forward, swap, futures and options markets in foreign exchange; the relationship between

domestic and international capital markets; interest rate and exchange rate determination; risk management of foreign exchange; international trade finance; evaluation of offshore investment (including country risk).

**Courses:** BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF56, IF60, IF62  
**Prerequisites:** EFB206 or EFB210  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** FNB120, EFB212, EPB132  
**Campus offered:** GP **Semester:** 2

► **EFB314 INTERNATIONAL TRADE AND ECONOMIC COMPETITIVENESS**

The unit analyses the increasing globalisation of world trade and finance, and develops an analytical framework to assess the impact of these flows on the Australian economy, its businesses and its policy makers. It examines trade and capital flows, exchange rate.

**Courses:** BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF62, IF72  
**Prerequisites:** EFB211, EFB202  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** EPB130, EPB132, EFB212  
**Campus offered:** GP **Semester:** 2

► **EFB318 PORTFOLIO AND SECURITY ANALYSIS**

Management of investment portfolios; diversification; performance management; risk management; advanced theories on option pricing, efficient markets, futures trading (hedging) and asset pricing.

**Courses:** BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF62  
**Prerequisites:** EFB307  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** FNB126  
**Campus offered:** GP **Semester:** 1

► **EFB323 FINANCIAL AND MONETARY ECONOMICS**

This unit emphasises the economics of financial markets and their interaction with the real sector of the economy. Major attention is devoted to the flow of funds, the theory and behaviour of interest rates, the structure and regulation of financial markets, the role of the central bank and the operation of monetary policy. The unit builds on the microeconomic and macroeconomic foundations laid in EFB202 and EFB211.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF62, IF72  
**Prerequisites:** EFB202  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** EFB215  
**Campus offered:** GP **Semester:** 2

► **EFB324 MACROECONOMICS OF GLOBAL FINANCIAL MARKETS**

This unit deals with Global Financial Markets, the various theoretical and policy approaches to the macroeconomy as they affect those markets in different countries. Particular markets dealt with include equity, bond and currency markets. It examines the comparative macroeconomic performance in different markets and different countries over time. The unit also examines the distinction between interventionist and laissez-faire policies, as well as the differences in traditions and approaches between English speaking and non-English speaking countries.

**Courses:** BS56, IF26, IF28, IF30, IF41, IF47, IF48, IF60, IF62  
**Prerequisites:** EFB202  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **EFB325 FINANCIAL MICROECONOMICS**

This unit addresses the theoretical microeconomic foundations of financial economics, focussing on how individuals and firms deal with uncertainty and situations involving strategic interactions. The theoretical concepts are illustrated with application from both the private and public sector. Contents include game theory and its economic applications, expected utility theory, risk analysis, intertemporal preferences, cost of capital, demand for capital, and asymmetric information.

**Courses:** BS56, IF26, IF28, IF30, IF41, IF47, IF48, IF60, IF61

## UNIT SYNOPSES

**Prerequisites:** EFB211

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP                      **Semester:** 2

► **EFB326 APPLIED PORTFOLIO MANAGEMENT**

This unit introduces the student to the treasury environment in which financial institutions operate. The key to the unit is the raising of funds and the management of interest rate risk. This unique hands-on unit allows students to develop these skills by trading in a simulated environment of international economic uncertainty. Students have trading parameters within which they should operate. Students must make decisions concerning source of funds, term and duration, interest rate re-set, and risk management with derivatives. Trading will be conducted over a simulated four quarter year.

**Courses:** BS56, IF26, IF30, IF41, IF47, IF48, IF60, IF62.

**Prerequisites:** EFB210

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP                      **Semester:** 2

► **EFB327 ECONOMETRICS OF FINANCIAL MARKETS**

The Econometrics of Financial Markets provides a comprehensive introduction to models of economic behaviour in financial markets, using the tools of discrete time-series analysis. It aims to give grounding in the necessary econometric methods before demonstrating how competing theoretical models may be tested. It provides illustrative empirical results from the stock, bond and foreign exchange markets.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF62.

**Prerequisites:** EFB200

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP                      **Semester:** 2

► **EFB328 PUBLIC ECONOMICS AND FINANCE**

This unit extends the economic theory introduced to students in the pre-requisite unit and applies these economic principles to a range of public finance issues. In particular, the role of government expenditure and finance in the areas of education, health and the environment is examined, with an emphasis on the critical analysis of economic arguments for and against government intervention. The topics in this unit are unified by a concern with the sources of market failure (problems of information, problems of market structure, externalities and public goods); their impacts on efficiency; the role, if any, of government in their presence; and the economic and financial instruments available to governments to improve the efficiency of resource allocation. The unit draws on theoretical and empirical examples in the economic and financial literatures on health, education, and the environment.

**Courses:** BS56, IF26, IF28, IF30, IF41, IF47, IF48, IF60, IF62.

**Prerequisites:** EFB211

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP                      **Semester:** 2

► **EFN401 ADVANCED FINANCIAL INSTITUTIONS MANAGEMENT**

A practical analysis of the major risks facing financial institutions, the relevant regulatory environment and techniques for managing and mitigating these risks. Major topics covered include credit risk, market risk, interest rate risk, liquidity risk, systemic risk and the risk of off-balance sheet activities. Substantial use is made of case studies, which comprise a significant component of the course materials and assessment. The course is designed for non-specialists alike, and the material covered is also relevant for non-financial institutions and wider economy.

**Courses:** BS70, BS94, IF64

**Prerequisites:** PG only; with an UG degree with a major in Economics or Finance

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP                      **Semester:** 2

► **EFN405 MANAGERIAL ECONOMICS**

Managerial decision making in an economic environment; an introduction to economics, demand analysis, cost analysis, market strategy and the macroeconomic environment; problems of

resource allocation at the firm, in industry and the economy; completion of an industry study by each student, and an analysis of the Commonwealth Budget strategy.

**Courses:** BS39, BS89, BS96, BS98

**Prerequisites:** PG only

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** EPN102, GSN203, GSN411, GSN414

**Campus offered:** GP                      **Semester:** 1

► **EFN406 MANAGERIAL FINANCE**

Introduction to the world of finance and financial management. Topics include: the finance function, the role of the financial manager; the Australian financial environment; sources of funds; present and future value; time value of money; financial mathematics; introduction to valuation; cost of funds; the firm investment decision; investment evaluation techniques; capital budgeting; portfolio theory; risk and return; capital asset pricing model; dividend policy; financial structure policy; futures; and options.

**Courses:** BS39, BS89, BS91, BS96, BS98, IF64

**Prerequisites:** PG only

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** FNN102, GSN413, GSN423

**Campus offered:** GP                      **Semester:** 1

► **EFN410 ECONOMIC AND FINANCIAL MODELLING**

Introduces students to the modelling techniques which are frequently used in a business and financial environment. Modelling is used as an aid to decision-making, as a means of forecasting important variables and as a planning and analysis tool. Various modelling exercises are used to illustrate the use of these modelling techniques in an economic and financial context.

**Courses:** GS30, GS31, GS38, GS85, GS86

**Prerequisites:** PG only

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** AYN419, EFN503, FNN103

**Campus offered:** GP                      **Semester:** 2

► **EFN412 ADVANCED MANAGERIAL FINANCE**

Expands on material introduced and developed in EFN406 Managerial Finance. Its objective is to examine the key decisions made by corporate financial managers (that is the investment, financing and dividend decisions). In addition, a number of topics of special interest to financial managers will also be covered, namely leasing, working capital management, risk management and takeovers.

**Courses:** BS39, BS91, BS96, BS98, GS30, GS31, GS38, GS85, GS86

**Prerequisites:** PG only; plus EFN406

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP                      **Semester:** 1

► **EFN413 SECURITIES LAW**

Examines the legal framework of those working in the securities industry. The unit looks at the system of law operating in Australia, provides a study of the law of contract and provides an introduction to the law of torts, particularly negligent misstatement. Corporations law as it affects dealers, advisors and participants of the securities industry is included. The law of business associations, takeovers and market offences are examined.

**Courses:** BS39, BS91, BS96, BS98

**Prerequisites:** PG only

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP                      **Semester:** 2

► **EFN414 INTERNATIONAL FINANCE**

The theory and practice of international finance, the relationship between domestic and international financial markets, international parity conditions and arbitrage, foreign exchange risk management, interest rate, risk management, international trade finance, international portfolio investment, multinational cost of capital and capital structure, and international capital budgeting.

**Courses:** BS39, BS91, BS96, BS98, GS30, GS31, GS85, GS86

**Prerequisites:** PG only; plus EFN406

**Contact hours:** 3 per week    **Credit points:** 12

**Incompatible with:** EFB312 EFN417

**Campus offered:** GP                      **Semester:** 2

► **EFN415 SECURITY ANALYSIS**

A one-semester unit dealing with security analysis and portfolio management. The unit is both descriptive, dealing with a range of securities and the market they operate in, and theoretical, considering theories of the market and the equilibrium prices of securities. Topics covered include: portfolio theory and the capital asset pricing model; bond and equity portfolio management; market, industry, and company analysis; portfolio hedging; technical and fundamental analysis; active vs. passive investment strategies; and the evaluation of portfolio performance. The ultimate purpose of this unit is to provide the necessary tools for you to manage investment risk and return, select mispriced securities, design and administer investment portfolios, accomplish goals in portfolio management, and measure the performance of investment management.

**Courses:** BS39, BS91, BS96, BS98, GS30, GS31, GS38, GS85, GS86

**Prerequisites:** PG only; plus EFN406

**Contact hours:** 3 per week    **Credit points:** 12

**Incompatible with:** EFB318, EFN408

**Campus offered:** GP                      **Semester:** 2

► **EFN416 TREASURY AND PORTFOLIO MANAGEMENT**

Introduces the student to the treasury environment in which financial institutions operate. The key to the unit is the raising of funds and the management of interest rate risk. This unique hands-on unit allows students to develop these skills by trading in a simulated environment of international economics uncertainty. Students have trading parameters within which they should operate. Students must make decisions concerning source of funds, term and duration, interest rate re-set, and risk management with derivatives. Trading will be conducted over a simulated four quarter year.

**Courses:** GS30, GS31, GS38, GS85, GS86

**Prerequisites:** PG only; with an UG degree in Economics or Finance or EFN406

**Contact hours:** 3 per week    **Credit points:** 12

**Campus offered:** GP                      **Semester:** 1

► **EFN417 AN INTRODUCTION TO INTERNATIONAL FINANCE**

This unit provides an introduction to international financial issues involved in managing the multinational corporation's (IMC) finance functions. Material covered includes: the theories and empirical evidence that are necessary for the sound understanding of MNC's international financial environment; the foreign exchange and other international financial markets; the key techniques for the management of international financial risks including exchange rate risk, country risk and interest rate risk, and the sourcing and investment of the MNC's funds both in the short-term and the long-term.

**Courses:** BS63, BS93, GS30, GS31, GS38, GS85, GS86

**Prerequisites:** PG only

**Contact hours:** 3 per week    **Credit points:** 12

**Incompatible with:** Cannot be undertaken after EFN414

**Campus offered:** GP                      **Semester:** 2

► **EFN418 INTRODUCTION TO FINANCIAL RISK MANAGEMENT**

This is a risk management unit at the intermediate level, which provides students with the ability to identify, assess and subsequently reduce common financial risks of business within an open economy. The role of the financial risk manager is central to this understanding, particularly in relation to how the manager makes decisions in relation to financial risks, which of those risks need to be controlled, the extent of mitigation, and the techniques used to neutralise them.

**Courses:** IF88

**Prerequisites:** PUN008 or BSB113 or equivalent

**Credit points:** 12

**Incompatible with:** EFN406

**Campus offered:** EXT                      **Semester:** 1, 2

## UNIT SYNOPSES

### ► EFN500 CONTEMPORARY MACROECONOMIC THEORIES

Introduces students to the latest theoretical developments in the field of macroeconomics using both qualitative and quantitative approaches. It places these theories in their historical, philosophical and societal contexts. This unit looks at New Classical and New Keynesian theoretical approaches to a range of issues. These include: expectation theories, supply side economics, theories of labour markets, monetary theories and growth theories (including the role of international trade). Also differences in the theoretical foundations of macroeconomic policies employed in different countries are highlighted.

**Courses:** GS30, GS31, GS38, GS85, GS86  
**Prerequisites:** PG only; with an UG degree with a major in Economics or Finance  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** EPN111  
**Campus offered:** GP **Semester:** 1

### ► EFN501 CORPORATE AND COMMERCIAL LENDING

The study of advanced lending issues and structures for commercial applications. Examination of procedures for analysis of specialist lending; credit rating, leasing structures, venture finance.

**Courses:** BS70, BS94, GS80, IF64  
**Prerequisites:** PG only; with an UG degree with a major in Economics or Finance  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► EFN502 DEVELOPMENTS IN MICROECONOMIC THEORIES

Discussion of refinements in microeconomic theory such as consumer demand theory, labour supply, intertemporal demand, producer theory, market structure, theory of regulation, externalities, and public goods are considered in this unit. It explores refinements in microeconomic theory which have been contemporaneously used in the development of government policies in areas such as the environment, energy, public enterprises and industrial development.

**Courses:** BS63, BS70, BS92, BS94, GS30, GS31, GS38, GS85, GS86, IF64  
**Prerequisites:** PG only; with an UG degree with a major in Economics or Finance  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** EPN108  
**Campus offered:** GP **Semester:** 1

### ► EFN504 FINANCE HONOURS

An advanced coverage of the theory of financial management, building on work done in the undergraduate course with reference to empirical evidence where available; topics include; capital markets, investment decisions, market equilibrium, the capital asset pricing model, arbitrage pricing theory, capital structure, dividend policy, efficient capital markets; provides a theoretical basis allowing for evaluating policy problems in the area of financial management, a prerequisite for further specialisation in this area.

**Courses:** BS63, BS70, BS92, BS94  
**Prerequisites:** PG only; with an UG degree with a major in Economics or Finance  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** FNN101  
**Campus offered:** GP **Semester:** 1

### ► EFN505 FINANCIAL RISK MANAGEMENT

The unit covers the main areas of modern risk management. The focus will be on measuring and managing risks in financial institutions, although some specific aspects of risk management in non-financial corporations will be considered. Particular attention will be paid to developing understanding of the analytical techniques employed in the construction of hedging strategies and the interrelations between the main areas of risk management. The unit will also emphasise empirical applications and assessment of risk management techniques. A self-contained introduction to the relevant probability concepts will be provided. The topics that will be covered include the current state of prudential regulation of financial institutions, measurement and management of market risks, hedging strategies with

derivatives, managing interest rate and exchange rate risks and the role of insurance.

**Courses:** BS39, BS63, BS70, BS91, BS92, BS94, BS98, IF64  
**Prerequisites:** PG only; EFN415 or equivalent (eg a recent UG degree with a major or specialisation in Finance).  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** FNN104  
**Campus offered:** GP **Semester:** 1

### ► EFN506 ADVANCED INTERNATIONAL FINANCE

A rigorous study of the major issues in international finance pertaining to the foreign exchange market, international parity conditions, hedging of foreign exchange risk, international asset pricing, international portfolio diversification, international cost of capital and capital structure, international capital budgeting and international financial markets integration.

**Courses:** BS70, BS94, GS30, GS31, GS38, GS85, GS86, IF64  
**Prerequisites:** PG only; with an UG degree with a major in Finance or EFN414  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** FNN105  
**Campus offered:** GP **Semester:** 2

### ► EFN507 ADVANCED CAPITAL BUDGETING

Topics covered include: capital investment analysis, the NPV rule, adjusted present value, replacement decisions, retirement decisions, unequal lives, optimal life, make or buy, cost of capital, estimating beta, capital rationing, valuation of new issues, mergers and takeovers, re-funding decisions, analysis of financial and leverage leases, the impact of recent taxation changes on the financing, dividend and investment decisions of the firm, capital budgeting in an international context. The course includes a series of case studies, problems and exercises, which require the student to apply the theory they have learned, to practical situations, not covered in normal undergraduate courses. A basic understanding of spreadsheets is assumed.

**Courses:** BS39, BS70, BS91, BS94, BS98, IF64  
**Prerequisites:** PG only; with an UG degree with a major in Economics or Finance or EFN412  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** EFN400, FNN100  
**Campus offered:** GP **Semester:** 2

### ► GSN111 APPLIED RESEARCH PROJECT

Each project has an identical synopsis. These projects enable students to undertake a piece of applied research where the emphasis is upon the link between theory and practice. Students should seek advice at an early stage from the Director MBA regarding their choice of topic. As a general guide, students undertaking the 24cp project may expect to spend approximately 25 per week on the project. Group projects may be undertaken, however the allocated research and tasks for each group member will require the equivalent workload of 25 per week for a 24cp project. Students undertaking one of these units may be required to attend a number of management research seminars which might be organised by the Brisbane Graduate School of Business or the Faculty of Business.

**Courses:** Not on offer to MBA students.  
**Prerequisites:** 48 credit points, Unit Coordinator approval, GPA greater than 5.5  
**Contact hours:** 3 per week **Credit points:** 24  
**Campus offered:** GP **Semester:** 1, 2, 3

### ► GSN207 ORGANISATIONAL ANALYSIS AND CONSULTING

The ability to analyse organisations and organisational functioning is critical to management effectiveness. It is important to be able to gather data about an organisation and its performance in order to better understand it and, where needed, to recommend and guide the implementation of change. Various theoretical models of organisation and organisational analysis, including action research models, are explored. This unit helps students to understand the role of the 'change agent' and equips them to perform the role of internal and/or external consultant from initial

contact with the client/organisation through to completion, including proposal and report writing. This unit is compulsory for students undertaking industry placement. Consulting from different disciplinary perspectives is examined.

**Courses:** GS30, GS31, GS38, GS97  
**Prerequisites:** 48 credit points from the core  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1, 2

### ► GSN223 APPLIED RESEARCH PROJECT B

Each project has an identical synopsis. These projects enable students to undertake a piece of applied research where the emphasis is upon the link between theory and practice. Students should seek advice at an early stage from the Director MBA regarding their choice of topic. As a general guide, students undertaking the 12 credit point project may expect to spend approximately 12 per week on the project. Group projects may be undertaken, however the allocated research and tasks for each group member will require the equivalent workload of 12 per week for a 12cp project. Students undertaking one of these units may be required to attend a number of management research seminars which might be organised by the Brisbane Graduate School of Business or the Faculty of Business.

**Courses:** GS30, GS31, GS38, GS97  
**Prerequisites:** 48 credit points, Unit Coordinator approval, GPA greater than 5.5  
**Credit points:** 12  
**Campus offered:** GP **Semester:** 1, 2, 3

### ► GSN224 CORPORATE PHILANTHROPY

The nature of the relationship between the for profit corporation and the nonprofit sector is invariably through corporate philanthropy. This unit examines five issues central to corporate philanthropy: legal and taxation, cause related alliances, corporate foundations, business giving models in Australia and corporate social responsibility. The unit is taught through case studies in Australian and international practice.

**Courses:** BS91, BS93, BS95, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** PG only  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► GSN225 BUSINESS DEVELOPMENT IN CREATIVE INDUSTRIES

This unit introduces the student to the issues involved in selecting and refining a concept/idea/new product in the creative industries. Topics include business opportunity recognition, screening for potential viability and sustainable competitive advantages; identifying and analysing strategic options, creating a marketing strategy, and outlining the production and operations, human resources, and financial plans for a selected creative industries venture. Thus, students will build the components of a business model for their selected creative concept and by the end of semester will be ready to write a formal business plan for that creative concept/product. Students will examine and critique the business models of a variety of existing businesses in the creative industries during the semester.

**Courses:** BS39, BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98, IF02, IF04

**Prerequisites:** PG only  
**Corequisites:** GSN401, GSN408  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► GSN226 ARTS POLICY AND STRATEGY

This unit analyses the function and processes of arts policy and its relationship to society, the arts organisation, and the profession of arts management. This includes an investigation of the status of the artist, public policy, funding processes, cultural economics, international perspectives and contemporary policy issues and strategies in the non-profit sector.

**Courses:** BS39, BS63, BS91, BS92, BS97, BS93, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98, IF02, IF04  
**Prerequisites:** PG only

## UNIT SYNOPSES

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MKP108, MIN400  
**Campus offered:** GP **Semester:** 1

► **GSN227 ARTS AND CULTURAL MANAGEMENT**

This unit provides students of arts and cultural management with an investigation and analysis of the management function of the not-for-profit arts organisation. It examines the strategic management approaches and operational procedures of arts organisations, including their relationships with the legal system, the media, business, the public, and the industrial provisions and human resources of the organisation.

**Courses:** BS39, BS63, BS91, BS92, BS93, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98, IF02, IF03, IF04

**Prerequisites:** PG only  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MKP109, MIN430  
**Campus offered:** GP **Semester:** 2

► **GSN228 MARKETING ARTS AND CULTURE**

This unit examines and applies theories of arts marketing for arts cultural organisations. The focus is on audience development, but product and service development models in the mission driven arts environment provide the context for students to develop marketing strategies, marketing plans and campaigns for arts and cultural management.

**Courses:** BS39, BS91, BS93, BS95, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS87, GS93, GS97, GS98, IF02, IF03, IF04

**Prerequisites:** PG only  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MKP107, MIN415  
**Campus offered:** GP **Semester:** 1

► **GSN229 PHILANTHROPIC AND NONPROFIT GOVERNANCE AND ECONOMICS**

The unit explores contemporary understandings of philanthropic and nonprofit governance in the context of social, economic and political systems. It locates these understandings in various theoretical and descriptive frameworks providing students with both the knowledge and analytical skills that are necessary to reflect critically on philanthropy and nonprofit governance systems. The paradigm of economics used in the governance process forms a significant part of the course.

**Courses:** BS39, BS91, BS93, BS95, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS87, GS93, GS97, GS98

**Prerequisites:** PG only  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **GSN230 ETHICS AND MANAGEMENT FOR PHILANTHROPIC AND NONPROFIT ORGANISATIONS**

In the context of managing for excellence with integrity, this unit introduces students to the major management sub-disciplines of human resource management and industrial relations, governance, financial management, and marketing, and to the ethical issues which may confront Philanthropic and Nonprofit (PANFP) organisations, their managers and governing bodies. The unit recognises the distinctive mission and character of PANFP organisations, while seeking to provide an understanding of management excellence and integrity. Thus, the unit explores a range of management and ethical issues confronting the PANFP sector, and uses case studies to develop an understanding of the complexities of managing in this sector.

**Courses:** BS39, BS91, BS93, BS95, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS87, GS93, GS97, GS98

**Prerequisites:** PG only  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** CON427, AMN480  
**Campus offered:** GP **Semester:** 2

► **GSN231 LEGAL AND ACCOUNTING ISSUES FOR PANFP ORGANISATIONS**

The unit introduces students to critical issues of philanthropic and nonprofit law, taxation and

accounting. The unit will examine the regulatory, taxation and governance framework of nonprofit organisations and philanthropic transactions in Federal and State jurisdictions. The unit also explores nonprofit external and internal accounting systems crucial to governance functions. The external financial reports provide financial information principally for external users such as members, patrons, funders, and regulators. The internal management accounts address techniques that provide management at all levels with information for use in planning, controlling and decision making.

**Courses:** BS39, BS91, BS93, BS95, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS87, GS93, GS97, GS98

**Prerequisites:** PG only  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **GSN232 FUNDRAISING PRINCIPLES**

This unit applies the theories of marketing, consumer behaviour and management to the practices of fundraising and philanthropy. In this context it re-examines the principles of fundraising, case statement preparation, researching and establishing prospect bases, procedures of solicitation, public relations and relationship marketing, fundraising in society, the role of Boards, Foundations and volunteers, fundraising campaigns, and evaluation methods for fundraising.

**Courses:** BS39, BS91, BS93, BS95, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS87, GS93, GS97, GS98

**Prerequisites:** PG only  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **GSN233 SPECIAL TOPIC IN PHILANTHROPY AND NONPROFIT STUDIES**

This unit will be developed around the visiting adjunct professors or visiting scholars to the Centre of Philanthropy and Nonprofit Studies. It provides students with access to contemporary issues and experts in the field and involves in-depth examination of an issue of importance.

**Courses:** BS91, BS93, BS95, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS87, GS93, GS97, GS98

**Prerequisites:** PG only  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **GSN401 MANAGING IN THE GLOBAL BUSINESS ENVIRONMENT**

Competence in managing is the key to success for any organisation and for any person within that organisation. The knowledge and ability to manage within the global business environment are crucial requirements for today's and tomorrow's managers. This unit introduces the planning, leading, organising and controlling functions of management to elucidate current trends in management practice in the global environment.

**Courses:** BS91, BS97, GS30, GS32, GS33, GS34, GS38, GS85, GS86, GS87, GS93, GS97, GS98, IF01, IF02, IF03, IF04, IF13, IF15, IF18, IF19

**Prerequisites:** Must be taken in first semester of study

**Contact hours:** 3 per week **Credit points:** 6  
**Incompatible with:** GSN204, MGN409  
**Campus offered:** GP **Semester:** 1, 2, 3

► **GSN402 STRATEGIC USE OF INFORMATION TECHNOLOGY**

This unit discusses the impact of the digital era on business strategy, emphasising the importance of the information sector of the economy, the growth of electronic commerce, and the displacement effects of technology to the global business environment. The convergence of communication technology and information technology (eg Internet) is an important force which managers need to understand. The business implications of the impacts of these shifts are also discussed in the global context. Students use e-mail and the Internet constantly in this unit as part of their project work.

**Courses:** BS91, BS97, GS30, GS31, GS32, GS33, GS34, GS38, GS85, GS86, GS87, GS93, GS97, GS98, IF13, IF15, IF18, IF19

**Prerequisites:** Must be taken in first semester of study

**Contact hours:** 3 per week **Credit points:** 6  
**Incompatible with:** GSN201  
**Campus offered:** GP **Semester:** 1, 2, 3

► **GSN403 UNDERSTANDING DATA**

This unit is designed to provide students with a clear understanding of different types of data and techniques to present tackle real world problems relevant to business and managers. Students will be introduced to various techniques of organising, presenting and analysing economic and business data. Topics include probability theory, descriptive and inferential statistics.

**Courses:** BS91, BS97, GS30, GS31, GS32, GS33, GS34, GS38, GS85, GS86, GS87, GS93, GS97, GS98, IF13, IF15, IF18, IF19

**Prerequisites:** Must be taken in first semester of study

**Contact hours:** 3 per week **Credit points:** 6  
**Incompatible with:** EFN409  
**Campus offered:** GP **Semester:** 1, 2, 3

► **GSN404 FINANCIAL STATEMENTS ANALYSIS I**

This unit introduces students to basic accounting concepts and financial statements, and then explores methods of analysing them to give an informed understanding of the financial well being of the entity. Throughout, it takes the perspective of the user of financial statements, and in this role, explores the information in financial statements, and how the three basic accounting statements are linked, and interdependent. The course guides students through the process of analysing financial statements, how to interpret findings and how to understand what the analysis and other contextual data tell them about the business.

**Courses:** BS91, BS97, GS30, GS31, GS32, GS33, GS38, GS85, GS86, GS87, GS93, GS97, GS98, IF13, IF15, IF18, IF19

**Contact hours:** 3 per week **Credit points:** 6  
**Incompatible with:** AYN416  
**Campus offered:** GP **Semester:** 1, 2, 3

► **GSN405 STRATEGIC MANAGEMENT**

Strategy is the process of determining goals and moving towards the achievement of those goals in a business government, or not-for-profit setting. This unit introduces the concept of strategy and explores the basic tenets of the strategy process, competitive advantage, and strategic management in a changing global environment. It lays in the foundations for students in terms of understanding contemporary thinking in the strategy field. The learning process is enhanced by practical real-time examples of strategy in action utilising in the case study method of learning.

**Courses:** BS91, BS97, GS30, GS31, GS32, GS33, GS38, GS85, GS86, GS87, GS93, GS97, GS98, IF13, IF15, IF18, IF19

**Prerequisites:** GSN401 **Corequisites:** GSN401  
**Contact hours:** 3 per week **Credit points:** 6  
**Campus offered:** GP **Semester:** 1, 2, 3

► **GSN406 HUMAN RESOURCE MANAGEMENT ISSUES**

This unit examines the challenges faced by managers in achieving effective human resource management in the contemporary business environment. An issues based approach is adopted to focus attention on the need for the individual managers to complement their technical expertise with knowledge and skills in people management. Specific attention will be given to the human resource management implications arising from the global business environment and the changing nature of organisations.

**Courses:** BS91, BS97, GS30, GS31, GS32, GS33, GS38, GS85, GS86, GS87, GS93, GS97, GS98, IF13, IF15, IF18, IF19

**Prerequisites:** GSN401, GSN409  
**Contact hours:** 3 per week **Credit points:** 6  
**Campus offered:** GP **Semester:** 1, 2, 3

► **GSN407 BUSINESS COMMUNICATION**

Business Communication is an introductory unit that promotes effective written and spoken com-

munication skills in a range of situations encountered by managers. Students will better understand the principles of effective written and spoken communication through theory and undertaking several practical exercises and tasks.

**Courses:** BS91, BS97, GS30, GS31, GS32, GS33, GS34, GS38, GS85, GS86, GS87, GS93, GS97, GS98, IF13, IF15, IF18, IF19  
**Contact hours:** 3 per week **Credit points:** 6  
**Incompatible with:** CON404  
**Campus offered:** GP **Semester:** 1, 2, 3

► **GSN408 FUNDAMENTALS OF MARKETING MANAGEMENT**

This unit examines the role of marketing and its place within the firm operating in the global business environment. It examines key marketing decision areas, including the marketing concept, marketing information systems and marketing research, consumer behaviour, marketing segmentation, targeting and positioning, and marketing planning. It further examines the place of marketing planning within the strategic processes of the modern firm and the complexities brought about by an increasingly competitive international environment. In the process, students get the opportunity to evaluate, critically, the determinants of consumer behaviour, influences of external environments on the marketing process, marketing related functions within the firm and the strategic role of marketing in the organisation.

**Courses:** BS91, BS97, GS30, GS31, GS32, GS33, GS38, GS85, GS86, GS87, GS93, GS97, GS98, IF01, IF02, IF03, IF04, IF13, IF15, IF18, IF19  
**Contact hours:** 3 per week **Credit points:** 6  
**Incompatible with:** GSN206  
**Campus offered:** GP **Semester:** 1, 2, 3

► **GSN409 ORGANISATIONAL BEHAVIOUR 1**

Organisational Behaviour 1 is an introductory unit which analyses human behaviour at work with a focus on issues of personality, motivation, group interaction, occupational stress, and health and organisational change. The unit will examine issues related to aspects of the working environment and to the relationship between managerial strategies, organisational structures and their effects on performance, health and autonomy.

**Courses:** BS91, BS97, GS30, GS31, GS32, GS33, GS38, GS85, GS86, GS87, GS93, GS97, GS98, IF13, IF15, IF18, IF19  
**Corequisites:** GSN401  
**Contact hours:** 3 per week **Credit points:** 6  
**Incompatible with:** MGN412  
**Campus offered:** GP **Semester:** 1, 2, 3

► **GSN410 ENTREPRENEURSHIP**

This unit introduces the student to the field of entrepreneurship and planning for new business initiatives in the global business environment. Topics include entrepreneurial attitudes, abilities and behaviours; developing an entrepreneurial culture; opportunity recognition and viability screening; first-mover advantages and disadvantages; risk recognition and risk reduction strategies; and intellectual property protection. Students will examine and critique several business plans and/or case studies during the semester.

**Courses:** BS91, BS97, GS30, GS31, GS32, GS33, GS38, GS85, GS86, GS87, GS93, GS97, GS98, IF03, IF04, IF13, IF15, IF18, IF19  
**Prerequisites:** GSN408 **Corequisites:** GSN408  
**Contact hours:** 3 per week **Credit points:** 6  
**Incompatible with:** GSN300  
**Campus offered:** GP **Semester:** 1, 2, 3

► **GSN411 ECONOMICS OF STRATEGY 1**

Competitive strategy requires an understanding of the market context in which the business firm is operating, and increasingly this means the global market context. This unit is concerned with the microeconomics of strategic business choices, such as acquiring a competitor, supplier, or major customer, or diversifying into similar and dissimilar markets, using economic concepts such as economies of scale, economies of scope, incremental costs and transaction costs. Topics include the economics of the firm, transactions costs, the economics of vertical integration,

'make or buy' decision, economies of scale and scope and agency theory.

**Courses:** BS91, BS89, BS97, GS97, GS30, GS31, GS32, GS33, GS38, GS85, GS86, GS87, GS93, GS97, GS98, IF13, IF15, IF18, IF19  
**Contact hours:** 3 per week **Credit points:** 6  
**Incompatible with:** EFN405 GSN203  
**Campus offered:** GP **Semester:** 1, 2, 3

► **GSN412 BUSINESS LAW 1**

This unit provides managers with an overview of basic legal principles, which form the foundation of the laws of commercial transactions from the perspective, and with particular relevance to, managers. Students will learn key elements of the rules governing business dealings by the interaction of the laws of contract, agency and franchising, property law, securities and bailment, company law and consumer law. The unit also introduces students to the Australian legal and statutory structure and provides an overview of the legal nature of business entities.

**Courses:** GS30, GS31, GS32, GS33, GS34, GS38, GS85, GS86, GS87, GS93, GS97, GS98, IF13, IF15, IF18, IF19  
**Prerequisites:** GSN401 **Corequisites:** GSN401  
**Contact hours:** 3 per week **Credit points:** 6  
**Incompatible with:** AYN410  
**Campus offered:** GP **Semester:** 1, 2, 3

► **GSN413 FINANCIAL MANAGEMENT 1**

This unit introduces the student to the international financial environment in which business operates. The three major lessons in finance (time value, diversification and arbitrage) are introduced. Topics include time value of money, valuation, sources of funds, behaviour of firms and financial markets, introduction to investment evaluation, diversification, risk and return, and cost of capital.

**Courses:** GS30, GS31, GS32, GS33, GS38, GS85, GS86, GS87, GS93, GS97, GS98, IF13, IF15, IF18, IF19  
**Prerequisites:** GSN403  
**Contact hours:** 3 per week **Credit points:** 6  
**Incompatible with:** EFN406  
**Campus offered:** GP **Semester:** 1, 2, 3

► **GSN414 BUSINESS CONDITIONS ANALYSIS 1**

This unit provides managers with an understanding of some of the key factors affecting business conditions. Students are introduced to the most important economic concepts through a series of international case studies. These concepts include, among others, opportunity cost, supply and demand, elasticity, efficiency, comparative advantage, saving and investment, and gross domestic product (GDP). In the process, students have the opportunity to evaluate, critically, the determinants of market outcomes, environmental policy, international trade policy, competing indicators of economic welfare, and policy aimed at lifting national savings.

**Courses:** BS91, BS89, BS97, GS30, GS31, GS32, GS33, GS34, GS38, GS85, GS86, GS87, GS93, GS97, GS98, IF13, IF15, IF18, IF19  
**Contact hours:** 3 per week **Credit points:** 6  
**Incompatible with:** EFN405 GSN203  
**Campus offered:** GP **Semester:** 1, 2, 3

► **GSN415 LEADERSHIP 1**

Leadership is the process of persuasion or example by which an individual influences others to pursue identified goals. The skills of leadership can be identified and learned. This unit explores the attributes, roles and tasks of leaders in contemporary business situations and the issues that impact on leadership, such as leader-follower interaction, ethics, leadership characteristics and leadership development. This unit will culminate in the development of leadership profiles of contemporary leaders with an exploration of their characteristics and how their leadership roles are exercised.

**Courses:** BS91, BS97, GS30, GS31, GS32, GS33, GS38, GS85, GS86, GS87, GS93, IF13, IF15, IF18, IF19  
**Prerequisites:** GSN401  
**Contact hours:** 3 per week **Credit points:** 6  
**Campus offered:** GP **Semester:** 1, 2, 3

► **GSN416 BUSINESS PLANS 1**

This unit prepares students for writing a formal business plan for a new business venture. Business planning is an intensive viability screening exercise in which the business planners must consider all strategic alternatives, choose a preferred 'business model' and analyse whether or not the proposed new venture appears to be viable. The business plan is a document that communicates this viability to an investor or other potential stakeholders in the new business. The structure and content of the business plan is thus crafted strategically according to its role in a multi-stage communication process with the target reader.

**Courses:** BS91, BS97, GS30, GS31, GS32, GS33, GS34, GS38, GS85, GS86, GS93, GS97, GS98, IF13, IF15, IF18, IF19  
**Prerequisites:** GSN404, GSN408, GSN410  
**Contact hours:** 3 per week **Credit points:** 6  
**Campus offered:** GP **Semester:** 1, 2, 3

► **GSN417 EFFECTIVE ADVOCACY FOR MANAGERS**

Effective Advocacy for Managers is an elective unit that builds upon work completed in GSN407. This unit is designed to enhance students' presentation skills. It covers the practical application of key theories on Speech Communication to create managers who are effective persuaders, opinion leaders, and facilitators of change in a business environment. Among the issues covered are: structuring and designing for an audience, developing a persuasive theme, using imagery and language effectively, developing presentations.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98  
**Prerequisites:** GSN407  
**Contact hours:** 3 per week **Credit points:** 6  
**Campus offered:** GP **Semester:** 2

► **GSN418 MARKETING STRATEGY DEVELOPMENT**

This unit builds upon the foundation provided by GSN408 and examines the managerial process involved in identifying and developing effective marketing strategies. It examines the role of marketing within the strategic processes of the modern firm and considers the process involved in strategic marketing in the global business context. It takes a case based approach to illustrating the effectiveness of key approaches to marketing strategy development and highlights the importance of new and emerging fields of marketing practice.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98  
**Prerequisites:** GSN408  
**Contact hours:** 3 per week **Credit points:** 6  
**Incompatible with:** GSN206  
**Campus offered:** GP **Semester:** 1, 2, 3

► **GSN419 ORGANISATIONAL BEHAVIOUR 2**

Organisational Behaviour 2 is an elective unit which builds upon work completed in Organisational Behaviour 1. The unit provides an extensive analysis of human behaviour with particular emphasis on behaviour in groups and the larger organisation. Topics include organisational structure and design, teamwork and group work, organisational culture, power and politics, communication, conflict and negotiation, and innovation and organisational development.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98  
**Prerequisites:** GSN409  
**Contact hours:** 3 per week **Credit points:** 6  
**Incompatible with:** MGN412  
**Campus offered:** GP **Semester:** 1, 2

► **GSN420 NEW VENTURE STRATEGY**

This unit considers competitive strategy and the requirements for resource-based sustainable competitive advantage in the context of new business ventures. Topics include generic competitive strategies; entry strategies; strategies to counter environmental threats and weaknesses; strategies to exploit firm strengths and opportunities; competitive strategies (cost leadership and differentiation); cooperative strategies (tacit collusion and strategic alliances); and global strate-



## UNIT SYNOPSES

gies. Students complete a Strategic Plan for a new venture as part of this unit.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98, IF03, IF04

**Prerequisites:** GSN405, GSN410

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP              **Semester:** 1, 2, 3

### ► GSN421 ECONOMICS OF STRATEGY 2

This unit continues the analysis introduced in GSN411 and develops in greater depth the economics of competitive strategy and competitive advantage in the global business context. Topics include exit and entry of firms, strategic positioning for competitive advantage, analysing cost and differentiation positions, methods of sustaining competitive advantage, the origins of competitive advantage.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN411

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP              **Semester:** 1, 3

### ► GSN422 BUSINESS LAW 2

Business Law 2 provides a continuing overview of key areas of commercial law in the Australian environment. The subject builds on the basic principles of contract, property law, securities and bailment, consumer law agency and franchising, company law principles, covered in Business Law 1. Students will focus on the essential elements of legal compliance programs and specific elements of the rules that impact on business operations in the areas of insurance law, law of torts and professional negligence, personal and corporate insolvency, environmental law, employment law and occupational health and safety and privacy law.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN412

**Contact hours:** 3 per week      **Credit points:** 6  
**Incompatible with:** AYN410  
**Campus offered:** GP              **Semester:** 2, 3

### ► GSN423 FINANCIAL MANAGEMENT 2

This unit builds on the material covered in GSN413 Financial Management 1. It extends the analysis of firms' decisions in the areas of investment, dividends and financing. Topics include capital budgeting and taxation, dividends and imputation, capital structures, risk management using options and futures, and an introduction to international finance.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN413

**Contact hours:** 3 per week      **Credit points:** 6  
**Incompatible with:** EFN406  
**Campus offered:** GP              **Semester:** 1

### ► GSN424 BUSINESS CONDITIONS ANALYSIS 2

This unit provides managers with an understanding of the key macroeconomic policy debates and how they are impacting upon business conditions. Students are introduced to these debates and their theoretical underpinning through a series of international case studies. A number of important concepts are introduced including the natural rate of unemployment, the underlying rate of inflation, aggregate demand and aggregate supply, monetary policy and fiscal policy, and the open economy. In the process, students get the opportunity to evaluate, critically, the virtues of the free market as opposed to government interventionism.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN414

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP              **Semester:** 2

### ► GSN425 LEADERSHIP 2

This unit builds upon GSN415 to develop leadership ability, utilising a conceptual framework for self-understanding and the development of the requisite knowledge, skills and attitudes required to lead successfully in contemporary society. It is designed to allow individuals a better understanding of their own capacities as leaders. It will use this understanding to design leadership de-

velopment strategies. Individuals will learn the principles of effective leadership and how their own style affects leadership, decision making, vision building, organisational culture, the use of power and teamwork. The focus is on the development of self-awareness and improvement of the individual's capacity to understand, communicate with the influence of others.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN415

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP              **Semester:** 1, 2, 3

### ► GSN426 BUSINESS PLANS 2

This unit is a continuation of GSN416 and culminates in the writing and presentation of a formal business plan. The business plan is a major component of a multi-part communication strategy between new venture management and the potential investor or other potential stakeholder. Effective presentation and defense of the business plan is also considered in this unit. As part of the assessment, students will complete a formal Business Plan for a new venture of their choosing, and present their plan to the class.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN416, GSN418, GSN427, GSN405 (or GSN420)

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP              **Semester:** 1, 2, 3

### ► GSN427 FINANCIAL STATEMENT ANALYSIS 2

This unit explores the meaning of financial statements and their application in managerial decision-making. Information from financial statements will be used to demonstrate how managers can understand and take control of the internal cost structure of their business. The unit introduces management accounting, basic costing concepts, cost behaviour and the cost-volume-profit model, budgeting and short-term decision-making.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN404

**Contact hours:** 3 per week      **Credit points:** 6  
**Incompatible with:** AYN416  
**Campus offered:** GP              **Semester:** 2

### ► GSN428 INTERNATIONAL STUDY TOUR

This unit involves a group excursion to one or more international countries for students interested in learning more about doing business with that (those) countries. Students will study the business environment and the underlying socio-political, geographical and historical aspects in that (those) countries in considerable detail. The international study tour would normally be scheduled during the semester break period, and involve 10-14 days overseas, accompanied by an Academic Advisor. The group will attend organised briefings, meetings, presentations and site visits in the host countries. Assessment will include attendance and participation at all events and the submission of a detailed Daily Journal.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** Subject to approval of the MBA Director

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP              **Semester:** 3

### ► GSN429 MARKETING PLANNING

Marketing Planning is concerned with the need for systematic and organised approach to marketing with particular emphasis on the special marketing needs of new and entrepreneurial businesses in international markets. New ventures face market ignorance much greater than that faced by new products of existing firms. Needs of potential customers must be analysed, and product offerings modified accordingly. Product design and prototypes must be developed in close contact with marketing research results. New marketing channels must be created or access to existing channels must be secured. Potential customers must be identified, informed, and persuaded to try the new product. Pricing is a major problem area, since there is a conflict be-

tween relatively low prices to encourage trial, and premium pricing because the new product better serves customer needs. These issues will be examined in this unit.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN410, GSN418

**Corequisites:** GSN418

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP              **Semester:** 1, 2, 3

### ► GSN430 NEW VENTURE RESOURCING

This unit is concerned with raising funds to establish, launch and grow a new business venture. Sources of funding considered include one's own resources, family and friends, 'social capital' transactions, business angels, venture capitalists, banks, and the public equity market. Methods of 'bootstrapping' and cash conservation, including agreements with suppliers, customers, and employees, are also considered. Pro-forma financial statements for the new venture, the financial valuation of the new venture, and the allocation of equity for intellectual property, seat equity, expenses incurred and funding provided are also examined.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN404, GSN410

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP              **Semester:** 1, 2, 3

### ► GSN431 NEW VENTURE GROWTH AND TRANSITIONS

Many new ventures start successfully but then flounder as rapid growth, often into international markets, causes problems with production, distribution, product quality, employee morale, cash flow, financing and management's ability to make the transition from the new and small firm to a rapidly growing company. If the firm is to survive and enjoyed continued success, the entrepreneur must navigate the transition from 'hands on' involvement in every aspect of the business to a more detached strategic planning and senior management role. Alternatively, the founder must hand over the CEO position to someone else while seeking out a more suitable for him/herself. This unit considers the issues involved in recognising the need for, planning for, and making that transition.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN410, GSN420 (or GSN405)

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP              **Semester:** 1, 3

### ► GSN432 NEW VENTURE LEADERSHIP AND HRM

The entrepreneur's ability to exercise leadership is a critical factor in the success of most new ventures, and thus the main purpose of this unit is to enhance entrepreneurial leadership skills. Human resource management issues, including international human resource and cross-cultural management, are introduced and applied to the new venture situation. Incentive remuneration schemes, including bonus and stock option schemes, are considered as a means of reducing current employee cost and reducing employee turnover, while allowing employees to participate in the upside potential of the venture.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN410, GSN415

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP              **Semester:** 2, 3

### ► GSN434 VENTURE CAPITAL

This unit considers, in the Australian and global financial market contexts, the operation of the venture capital industry and its rationing of relatively scarce risk capital among relatively abundant demands for new venture funding. Students will gain an understanding of how the venture capital industry works and the criteria by which funds are committed to the support of new ventures. Students will increase their ability to distinguish the less risky and more profitable investment opportunities from the more risky and less remunerative opportunities that may also be presented to venture capitalists.

## UNIT SYNOPSES

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98  
**Prerequisites:** GSN404, GSN410, GSN413, GSN420 (or GSN405)  
**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP                      **Semester:** 1, 3

### ► GSN435 ELECTRONIC COMMERCE

This unit provides an interdisciplinary introduction to business processes that are known collectively as electronic commerce. Current technologies for use in implementing electronic commerce will be examined and focus will be placed on strategies and methodologies for adopting the technology in a real world context. Students will analyse why electronic commerce is more easily used in some businesses and not in others, using a cost-benefit evaluative framework. As a component of this unit, students will increase their competence in using the Internet and World Wide Web. This exposure is essential for assignment work and to allow students to access necessary course materials.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98  
**Prerequisites:** GSN402  
**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP                      **Semester:** 1, 2, 3

### ► GSN438 PRODUCTION AND OPERATIONS MANAGEMENT 1

The pivotal concept of management is that the organisation is a dynamic system affected by both external and internal forces. Operations management narrows the focus of general management philosophies to consider the production/operations sub-systems. These sub-systems physically produce goods and services, which are the value-adds result of the transformation of inputs. Forecasting, process selection and design, layout and capacity planning, location planning and aggregate planning are considered. Issues of quality and efficiency and introduced analytically with respect to strategies and constraints.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98  
**Prerequisites:** GSN401  
**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP                      **Semester:** 3

### ► GSN439 PRODUCTION AND OPERATIONS MANAGEMENT 2

The pivotal concept of management is that the organisation is a dynamic system affected by both external and internal forces. Operations management narrow the focus to the production/operations sub-systems, which physically produce goods and services. This unit follows on from GSN438, which introduced forecasting, process selection and design, layout and capacity planning, location planning, aggregate planning and quality control issues. Here, the means of procurement and application for production are considered. Inventory, materials requirements planning, manufacturing resource planning, supply chain management, scheduling, service operations, and current issues like enterprise resource planning are introduced. They are addressed analytically with respect to strategies and constraints.

**Courses:** BS91, GS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98  
**Prerequisites:** GSN438  
**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP                      **Semester:** 2

### ► GSN440 RISK MANAGEMENT 1

This unit examines the role of risk management in contemporary management theory and practice. Key decision areas of risk (eg financial, human resource, physical - asset management etc) are considered in the context of the general management of the organisation.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98  
**Prerequisites:** GSN401  
**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP                      **Semester:** 2

### ► GSN441 RISK MANAGEMENT 2

This unit is an extension of GSN440, and continues the approach of examining the role of risk management in contemporary management theory and practice. Key decision area of risk (eg

financial, human resource, physical - asset, etc) are considered in the context of the general management of the organisation.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98  
**Prerequisites:** GSN440  
**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP                      **Semester:** 2, 3

### ► GSN442 RISK MANAGEMENT 2

This unit is an extension of GSN440, and continues the approach of examining the role of risk management in contemporary management theory and practice. Key decision area of risk (eg financial, human resource, physical - asset, etc) are considered in the context of the general management of the organisation.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98  
**Prerequisites:** GSN440  
**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP                      **Semester:** 2

### ► GSN443 PROJECT MANAGEMENT 2

Managers are increasingly placed in the position of project manager, to manage projects as diverse as construction of new facilities, expansion to global markets, implementation of change, information technology systems installation, or planning a major conference. This unit builds on the fundamental skills in both the operational and strategic aspects of project management, which are covered in GSN442. In distance mode, academic requirements are met through a minimum of fortnightly contact with the lecturer by each student, through reference to the text and associate publication, and through the preparation and presentation of a written project proposal.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98  
**Prerequisites:** GSN442  
**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP                      **Semester:** 2, 3

### ► GSN444 SPECIAL TOPICS 1

Offered to temporarily 'house' subject matter that is not routinely offered by the Graduate School of Business, but which is offered when specific subject matter is considered especially timely and/or in a semester when a visiting or adjunct professor is available with expertise that is not normally resident in the Faculty of Business.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98  
**Prerequisites:** PG only  
**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP                      **Semester:** 1

### ► GSN445 SPECIAL TOPICS 2

Like GSN444 this unit is offered to temporarily 'house' subject matter that is not routinely offered by the Graduate School of Business. This unit is offered to students who have already taken GSN444 and who wish to take a second 'Special Topics' six credit point unit in the same award program.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98  
**Prerequisites:** PG only  
**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP                      **Semester:** 1

### ► GSN446 APPLIED RESEARCH PROJECT A - INDIVIDUAL PROJECT

These projects enable students to undertake a limited piece of applied research where the emphasis is upon the link between theory and practice. Students should seek advice at an early stage from the Director MBA regarding their choice of topic. As a general guide, students undertaking the six credit point project may expect to spend approximately six per week on the project. Group projects may be undertaken, however the allocated research and tasks for each group member will require the equivalent workload of six per week for a six credit point project. Students undertaking one of these units may be required to attend an number of management research seminars which might be organised by the Brisbane Graduate School of Business or the Faculty of Business.

**Courses:** GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** 48 credit point, Unit Coordinator approval, GPA>5.5

**Credit points:** 6  
**Campus offered:** GP                      **Semester:** 1, 2, 3

### ► GSN447 STRATEGIC INTERNET MARKETING 1

Strategic Internet Marketing 1 introduces students to the key concepts and issues involved in using the Internet in marketing. The unit explains how, why and when to incorporate the internet into marketing activities. Specific area investigated include the role of new technologies in changing and complementing traditional marketing practices, internet based market research and consumer behaviour.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98  
**Prerequisites:** GSN402, GSN418  
**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP                      **Semester:** 2, 3

### ► GSN448 STRATEGIC INTERNET MARKETING 2

Strategic Internet Marketing 2 focuses on the practical implications of the issues and concepts discussed in Strategic Internet Marketing 1. It explains how the basic tools of marketing are applied in the online environment. Specifically it will address issues relating to pricing including both monetary and non-monetary costs to the consumer, the Internet as part of the promotional mix and a promotional medium, an evaluation of product types most suited to Internet marketing and the value of the Internet as a distribution channel.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98  
**Prerequisites:** GSN447  
**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP                      **Semester:** 2

### ► GSN449 PUBLIC SECTOR AND SOCIAL MARKETING 1

Marketing has rapidly expanded its application over recent years from being a primarily commercial practice, to being used to increase the effectiveness and efficiency of a range of non commercial activities. In particular, over the past decade marketing has been adopted by government agencies world wide to improve service standards and communicate with key audiences. This unit examines the problems and issues associated with the application of marketing concepts and techniques to the social, not for profit and public sectors focussing in particular on service delivery and the use of social marketing to facilitate social and individual change.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98, IF03, IF04  
**Prerequisites:** GSN408, GSN418  
**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP                      **Semester:** 2

### ► GSN450 PUBLIC SECTOR AND SOCIAL MARKETING 2

Marketing has rapidly expanded its application over recent years from being used to increase the effectiveness and efficiency of a range of non-commercial activities. In particular, over the past decade marketing as been adopted by government agencies world wide to improve service standards and communication with key audiences. This unit applies the theory and models developed in Public Sector and Social Marketing 1 to a range of practical situations.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98  
**Prerequisites:** GSN449  
**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP                      **Semester:** 2, 3

### ► GSN451 CONTEMPORARY ISSUES IN THE INTERNATIONAL POLITICAL ECONOMY

This is an interdisciplinary unit which provides managers with a thorough grounding in a number of contemporary issues within the international political economy. Students are introduced to the key learning objectives through a series of international case studies on the European Union, the North American Free Trade Agreement, the East

## UNIT SYNOPSES

Asian economic crisis, and the transitional economies in Eastern Europe.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN414

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP                      **Semester:** 1

### ► GSN452 INTERNATIONAL HUMAN RESOURCE MANAGEMENT

This unit provides students with an understanding of some of the key factors affecting the management of human resources in an international environment. The integrating theme to studying this area of HRM is the management of expatriate managers. The topic is considered from the perspective of the international management generally, through the recruitment and selection of expatriates, their preparation, in-post support and eventual repatriation.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN406

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP                      **Semester:** 3

### ► GSN453 ECONOMICS OF HEALTH & HEALTH CARE

This unit is concerned with applications of economics to problems of resource allocation in the health sector. The unit explores economic approaches to the production of health and health care services, as well as examining the special characteristics of health care markets. The role of insurance is considered and the various mechanisms for financing health care are investigated. The problem of market failure and the role of government in the health economy is a focal point in the unit.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN411 or GSN414

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP                      **Semester:** 2

### ► GSN454 ECONOMICS OF INFORMATION AND E-COMMERCE

This unit explores ways in which the durable principles of information economics may be applied to analyse the network or 'information' economy. At a general level, the unit is concerned with the impact of high-speed communication and replication of information on the global business environment. More specifically, at the level of the firm, this unit is concerned with issues such as information pricing, product differentiation, the creation of network externalities, consumer lock-in and switching costs, scale and scope economies, strategic alliances, and other issues pertinent to firm strategy in the network economy. Importantly, the impact of the network economy on firms that participate in e-commerce as well as those that do not, is explored.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN411 or GSN414

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP                      **Semester:** 1, 2

### ► GSN455 SPECIAL TOPICS 3

Like GSN444 this unit is offered to temporarily 'house' subject matter that is not routinely offered by the Graduate School of Business. This unit is offered to students who have already taken GSN444 and GSN445 and who wish to take an additional 'Special Topic' unit in the same award program.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP                      **Semester:** 2

### ► GSN456 PERSONAL DEVELOPMENT AND ETHICS FOR MANAGERS

This unit provides students with an opportunity to increase their understanding of themselves and how their interactions with others impact on their effectiveness as managers in a global environment. This unit also provides a framework of basic principles for ethical decision making. The roles of the individual and ethics in business decision making are explored through the use of international case studies. Students get the opportunity to evaluate, critically, the role of individual behaviour and ethical decision making, from not only a personal career perspective but as determinants of management and business effectiveness in an international context.

**Courses:** BS91, BS97, GS30, GS31, GS32, GS33, GS85, GS86, GS90, GS91, GS92

**Contact hours:** 3 per week      **Credit points:** 6  
**Incompatible with:** GSN208

**Campus offered:** GP                      **Semester:** 1

### ► GSN457 ORGANISATIONAL COMMUNICATION AND INFLUENCE

This unit focuses on how people relate with each other in modern organisational settings, from small businesses to multi-national organisations in the public and private sector. Drawing together theories of communication as they apply to workplace settings, the unit provides the opportunity to analyse and reflect on the role of communication in constructing the conditions for achieving effective leadership and participation in organisations.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN407

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP                      **Semester:** 3

### ► GSN458 INTERCULTURAL BUSINESS COMMUNICATION

This unit examines the dimensions of intercultural business communication competence, including verbal and non-verbal strategies used by different cultural groups. By focusing on significant intercultural business communication issues, the unit provides the opportunity to analyse and reflect on the ways in which diversity enhances organisational effectiveness, and the difficulties that arise for organisational members in dealing with difference.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN407

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP                      **Semester:** 1

### ► GSN459 COMMUNICATION PLANNING FOR ORGANISATIONS

This unit focuses on the development and management of internal organisational communication programs required for effective strategic alignment of employees with organisational mission and goals. The unit examines the various ways in which strategic communication planning can facilitate change through the alignment of organisational members with the direction required by the organisation.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN407, GSN457

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP                      **Semester:** 1

### ► GSN460 CREATIVE PROBLEM SOLVING

This unit introduces the student to the field of creative thinking for new business initiatives in the global business environment. The problem solving methods presented also have application for 'intrapreneurs' in established firms. Topics include organisational issues for managing creativity; methods of thinking; formal analysis approaches; individual creative techniques; and group based problem solving. Candidates will apply specific techniques to case studies during the semester. Video records of tutorials will be used to facilitate feedback for improved learning outcomes.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN410, GSN415

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP                      **Semester:** 2

### ► GSN461 MAKING CHANGE WORK

Making Change Work is a unit that builds on the material covered in both GSN401 (Managing in the Global Business Environment) and GSN409 (Organisational Behaviour 1), with the intent of making organisational change work optimally for organisations and for the people in them. As such, it relies on a general knowledge of management and its objectives and functions, as well as of individual and group behaviour.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS93, GS97, GS98

**Prerequisites:** GSN401, GSN409

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP                      **Semester:** 2, 3

### ► GSN462 NEGOTIATION STRATEGIES

This unit explores the theory and practice of business negotiation strategies. By focusing on distributive and integrative negotiation strategies and exploring business negotiation practices in various contexts, the unit provides students with the opportunity to develop understanding and skills of negotiation in general and business negotiation under selected contexts in particular.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP                      **Semester:** 2

### ► GSN463 AUSTRALIAN E-COMMUNICATIONS POLICY

Australian E-Communications Policy is a unit that develops the understanding of managers about policies affecting new communications technologies. Students will be made aware of the factors involved in policy development for emergent communications media, and be better prepared to plan strategically for these new media. All tasks aim to develop the expertise of students in their chosen areas of interest.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN402

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP                      **Semester:** 2

### ► GSN464 INTERNATIONAL E-COMMUNICATIONS POLICY

International E-Communications Policy carries on from GSN463, focusing on the international policy environment for e-commerce practice. The unit involves investigation of the legislative environment for information and communication technologies (ICTs) in the US, UK, Canada and in the Asia-Pacific region.

**Courses:** BS91, BS97, GS30, GS31, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN402

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP                      **Semester:** 2

### ► GSN465 ADVANCED ELECTRONIC COMMERCE

This unit follows on from GSN435 Electronic Commerce, providing greater depth on the current technologies required to conduct electronic commerce. Discussion will focus on the application of these technologies to real world business problems and the consequences for management.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN435

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP                      **Semester:** 2, 3

### ► GSN466 TECHNOLOGY INFRASTRUCTURE MANAGEMENT

Technology Infrastructure Management will develop and appreciation of the complex issues with face today's Information Technology Managers.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN402

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP                      **Semester:** 1

### ► GSN467 KNOWLEDGE MANAGEMENT

This unit follows on from GSN402 Strategic Use of Information Technology, exploring the rationale for knowledge management in a digitised workplace. Discussion will focus on the application of knowledge strategies and technologies to real world business problems.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN402

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP                      **Semester:** 2

### ► GSN468 PUBLIC AND COMMERCIAL POLICY IN THE ICT SECTOR

This unit examines the apparent strategies used to exercise leadership and influence in the 'new

## UNIT SYNOPSES

economy' through both formal and informal policy-making in public and commercial organisations. It explores the current Australian perspective of Government, Industry Associations and Corporation, by examining their published documentation and reported strategies as a means of identifying influence processes.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN402

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP              **Semester:** 1, 3

### ► GSN469 INTERNET APPLICATIONS

The purpose of the unit is to provide a managerial overview of the available and emerging technologies on the Internet and examine the business case for their use and application. It examines the various applications of the internet including email, mobile and internet telephony, streaming media, database and dynamic content, emerging protocols, instant communicators and newsgroups for their utility and value to business.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN402

**Contact hours:** 3 per week      **Credit points:** 6  
**Incompatible with:** GSN201

**Campus offered:** GP              **Semester:** 1, 3

### ► GSN470 E-BUSINESS

This unit introduces concepts, theories and issues in the development of an e-business organisation based on, or depending strongly on Information and Communication Technologies (ICTs). The unit will examine the nature of e-business, with particular emphasis on the variety of e-business strategies and will explore on how traditional management practices face difficulties in an electronic context.

**Courses:** GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Contact hours:** 3 per week

**Credit points:** 6

**Campus offered:** GP

**Semester:** 1, 3

### ► GSN471 E-PUBLISHING

E-Publishing will provide MBA students with the basic skills in electronic publishing. The unit will examine a range of e-publishing products, and will seek to provide students with the skills to determine which e-product is appropriate for a variety of markets. Web site development, scripting, security applications and setting up a business portal will be key components of the unit.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN402

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP              **Semester:** 2

### ► GSN472 PRINCIPLES OF CORPORATE GOVERNANCE

Principles of Corporate Governance provides an introduction to the increasingly important area of corporate governance, as practiced by the Boards of Directors of companies. This subject provides an overview of the main concepts and history of corporate governance as a global trend, the core legal principles that underpin corporate governance, and relationships between key stakeholders, corporate governance in different contexts including small proprietary companies and large listed and unlisted entities and current issues, and including arguments propounded for self regulation vs government intervention.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN412

**Contact hours:** 3 per week      **Credit points:** 6  
**Incompatible with:** GSN229

**Campus offered:** GP

**Semester:** 1

### ► GSN473 CORPORATE ACCOUNTABILITY

Boards of directors are increasingly looking at their policies and processes but often only after their companies fail. GSN473 focuses on the Board's role in setting and developing strategic direction of the Company together with management, how the board oversees and monitors management especially with respect to the financial well being of the Company and the role of the auditor and other experts, together with the

opportunity to undertake work-based projects to put 'theory into practice' in a significant way. The role of process and the design and implementation of effective compliance systems is critical to implementation of good corporate governance and often to establish defenses and 'safe harbours' at law. Cultural and other issues that hamper the establishment of a 'culture of compliance' within organisations will be canvassed together with suggested strategies to overcome these attitudes and impediments. Essential record keeping strategies are also canvassed as boards increasingly become aware of the importance of not only having policies in place but ensuring they are followed.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN472, GSN404, GSN405

**Contact hours:** 3 per week      **Credit points:** 6  
**Incompatible with:** GSN229

**Campus offered:** GP

**Semester:** 2

### ► GSN474 STRATEGY PLANNING & DEVELOPMENT

The understanding of Strategic Planning, Development and Implementation and the implications for the modern organisation underpin this unit. Based on the case study method of teaching, the unit discusses the strategy development process in the modern business context, and takes into account the various stakeholders and influences that determine the eventual success or failure of strategy initiatives.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN405

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP              **Semester:** 2

### ► GSN475 STRATEGIC ANALYSIS

Strategic analysis builds on the core understanding of the principles and foundations of strategic management. The capacity to critically analyse, to formulate options, and to recommend courses of action is an essential everyday tool for the strategist. The ability to analyse and present a point of view is the focus of the course: therefore, incorporating presentation skills with strategic analysis.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN405, GSN474

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP              **Semester:** 2

### ► GSN480 SUSTAINABLE DEVELOPMENT AND COMPETITIVE ADVANTAGE

This unit provides managers with an understanding of the factors impacting upon the long-term sustainability of business, and how this impacts upon competitive advantage. The theoretical framework is predicated upon four key concepts: radical resource productivity; biomimicry; service and flow economy; and investment in natural capital. This framework is applied in the analysis of a number of international case studies.

**Courses:** BS91, BS97, GS30, GS31, GS33, GS38, GS85, GS86, GS93, GS97, GS98

**Prerequisites:** GSN411 or GSN414

**Contact hours:** 3 per week      **Credit points:** 6  
**Campus offered:** GP              **Semester:** 2

### ► HHB050 MANDARIN FOR CHINESE

Students will receive instructions in listening and speaking Putonghua; reading and writing Pinyin Romanisation; reading and writing simplified characters; learn differences in structure and nuance between their native dialect and Putonghua.

**Courses:** All

**Credit points:** 12

**Incompatible with:** HUB450

**Campus offered:** GP

**Semester:** 3

### ► HHB051 INTRODUCTORY MANDARIN I

This unit introduces students who have little or no prior knowledge of Chinese Mandarin to the four macro skills of listening, speaking, reading and writing through an integrated communicative approach to teaching. Content will include: the Mandarin sound and tonal systems; the Pinyin Romanization system; introduction to Chinese

character writing, greetings and introductions; family, identification of nationalities, places and objects, locations and directions.

**Courses:** All

**Credit points:** 12 **Incompatible with:** HUB453

**Campus offered:** GP

**Semester:** 3

### ► HHB052 INTRODUCTORY MANDARIN 2

This subject continues to develop the four macro skills of listening, speaking, reading and writing through an integrated communicative approach. While there is further consolidation of a knowledge of the Pinyin Romanization system, greater attention is devoted to the reading and writing of characters. With acquisition of language, students receive further exposure to aspects and characteristics of Chinese culture.

**Courses:** All

**Prerequisites:** HUB453 or HHB051

**Credit points:** 12 **Incompatible with:** HUB454

**Campus offered:** GP

**Semester:** 3

### ► HHB053 INTERMEDIATE MANDARIN

**Campus offered:** GP

**Semester:** 3

### ► HHB054 ADVANCED MANDARIN

**Campus offered:** GP

**Semester:** 3

### ► HHB056 INTERNATIONAL INTENSIVE PROGRAM

Short period of intensive language study conducted at an approved institution in the country where the language is used; aims to enhance language skills and introduce students to the culture of the country in an immersion situation.

**Courses:** HH01, HU22, IF43, IF70, IF81, IF82, IF86, IF30, ED50, BS56, SS60

**Credit points:** 12

**Incompatible with:** HUB646

### ► HHB057 INTERNATIONAL SUMMER SCHOOL OR EQUIVALENT

Four to six weeks of concentrated learning at an approved institution.

**Courses:** BS50, ED50, HH01, HU20, HU22, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Credit points:** 24

**Incompatible with:** HUB647

### ► HHB058 IN-COUNTRY STUDY - A

An approved course of study at a designated foreign institution for one semester.

**Courses:** ED50, HH01, HU20, HU22, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Credit points:** 48

**Incompatible with:** HUB648

### ► HHB059 IN-COUNTRY STUDY - B

An approved course of study at a designated foreign institution for one semester.

**Courses:** HH01, HU22, HU20, IF43, IF70, IF81, IF82, IF86, SS60, IF30

**Credit points:** 48

**Incompatible with:** HUB461

### ► HHB060 FRENCH FOR THE TOURISM INDUSTRY

This unit should be of interest to anyone wanting to work in the tourism industry overseas or in Australia. It concentrates on the development of communicative skills with a special focus on the tourism and hospitality industry.

**Prerequisites:** French Immersion Program/In-country Program (following Senior French) or HUB673

**Corequisites:** HUB674 or HHB065 (for students wishing to take HUB675 French 6 in Semester 2)

**Contact hours:** 4 per week      **Credit Points:** 12  
**Incompatible with:** HUB452

**Campus offered:** GP

**Semester:** 1

### ► HHB061 FRENCH 1

Aims to give students who have not reached senior or equivalent the grounding necessary for the post-senior course. Videodisc technology using the 'French in Action' method allows students to develop conversational skills, and introduces them to reading and writing.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF70, SC30, IF30, SS60

**Contact hours:** 4 per week      **Credit points:** 12  
**Incompatible with:** HUB670

**Campus offered:** GP

**Semester:** 1

## UNIT SYNOPSES

### ► HHB062 FRENCH 2

Aims to give students who have not reached senior or equivalent the grounding necessary for the post-senior course. Videodisc technology using the 'French in Action' method allows students to develop conversational skills, and introduces them to reading and writing.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Prerequisites:** HUB670

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB671

**Campus offered:** GP **Semester:** 2, 3

### ► HHB063 FRENCH 3

The course concentrates on developing spontaneity in social conversations, with some work on reading and writing skills. The course encourages students to make contacts in the French speaking community in Brisbane.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Prerequisites:** Year 12 French or equivalent

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB672

**Campus offered:** GP **Semester:** 1

### ► HHB064 FRENCH 4

This course expands on first semester, to allow students to discuss a number of current issues in French society. Magazine articles, news reports, the Internet, videos and a novel develop reading, writing, speaking and listening skills, as well as cultural awareness.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Prerequisites:** HUB672

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB673

**Campus offered:** GP **Semester:** 2

### ► HHB065 FRENCH 5

This unit has two components: a) An introduction to Business French. Students work on the skills necessary to the recruitment process; reading job offers, preparation of a CV and so on. b) The study of the French verbal system. Using a feature film on videodisc, students revise and expand their understanding of the French verb system. Skills are put into practice in the writing of a short story.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Prerequisites:** HUB673

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB674

**Campus offered:** GP **Semester:** 1

### ► HHB066 FRENCH 6

How do you argue in French? This course equips students to explain and debate issues, using written and video materials. Students prepare their own video report.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Prerequisites:** HUB674

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB675

**Campus offered:** GP **Semester:** 2

### ► HHB067 FRENCH 7

This advanced course in business French equips students for working in Europe or in French-speaking companies in Australia. Students have the option of sitting for the Certificat Pratique de Français Commercial et Economique.

**Courses:** BS56, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Prerequisites:** HUB675 (4 or better)

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB678

**Campus offered:** GP **Semester:** 1

### ► HHB068 FRENCH 8

This unit allows students to play with verbal and non-verbal aspects of French by studying puns; comic sketches; cartoons. Students write and present a short play at the end of the course.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF70, SC30, IF30, SS60

**Prerequisites:** HUB675

**Contact hours:** 2 per week **Credit points:** 12

**Incompatible with:** HUB677

**Campus offered:** GP **Semester:** 2

### ► HHB069 FRENCH 9

Advanced French unit available through cross-enrolment at the University of Queensland. See staff for details.

**Courses:** BS56, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Prerequisites:** HUB675

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB679

### ► HHB070 FRENCH 10

Practical introduction to French-English translation. Available through cross-enrolment in FH306 at the University of Queensland.

**Courses:** BS56, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Prerequisites:** HUB675

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB731

### ► HHB071 INDONESIA 1

This entry level unit aims to equip beginning students with elementary communicative competence in a variety of everyday situations. At the end of the year, students will have been exposed to around 2000 words and should be able to use most of the productive sentence patterns of Indonesian in comprehending and expressing information about basic needs in mostly familiar and predictable situations.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB650

**Campus offered:** GP **Semester:** 1

### ► HHB072 INDONESIA 2

This entry level unit aims to equip beginning students with elementary communicative competence in a variety of everyday situations. At the end of the year, students will have been exposed to around 2000 words and should be able to use most of the productive sentence patterns of Indonesian in comprehending and expressing information about basic needs in mostly familiar and predictable situations.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Prerequisites:** HHB071, HUB650 or equivalent

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB651

**Campus offered:** GP **Semester:** 2

### ► HHB073 INDONESIA 3

This level advances learners competence to intermediate level, with some analytical focus on sentence construction and word formation (the affix system). Authentic texts, especially reading materials, are increasingly used during this year, and by the end of the second semester, with the use of a dictionary, students can make good sense of straightforward Indonesian reading material from newspapers, books and magazines. An interview assignment each semester provides opportunities for interaction with native speakers.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Prerequisites:** HUB651, HHB072 or equivalent

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB652

**Campus offered:** GP **Semester:** 1

### ► HHB074 INDONESIA 4

This level advances learners competence to intermediate level, with some analytical focus on sentence construction and word formation (the affix system). Authentic texts, especially reading materials, are increasingly used during this year, and by the end of the second semester, with the use of a dictionary, students can make good

sense of straightforward Indonesian reading material from newspapers, books and magazines. An interview assignment each semester provides opportunities for interaction with native speakers.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Prerequisites:** HUB652, HHB073 or equivalent

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB653

**Campus offered:** GP **Semester:** 2

### ► HHB075 INDONESIA 5

At this level students view weekly audio-visual (tape-slide and video) programs produced in Indonesia for local consumption. Conversation, reading and writing classes reinforce and extend students ability to communicate on a range of everyday topics relevant to modern Indonesian society. Students give weekly classroom presentations in the language.

**Courses:** BS56, ED50, ED51, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Prerequisites:** HUB653, HH074 or equivalent

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB654

**Campus offered:** GP **Semester:** 1

### ► HHB076 INDONESIA 6

At this level students view weekly audio-visual (tape-slide and video) programs produced in Indonesia for local consumption. Conversation, reading and writing classes reinforce and extend students ability to communicate on a range of everyday topics relevant to modern Indonesian society. Students give weekly classroom presentations in the language.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Prerequisites:** HUB654, HHB075 or equivalent

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB655

**Campus offered:** GP **Semester:** 2

### ► HHB077 INDONESIA 7

At this level students are comfortable in using authentic Indonesian source materials dealing with a range of sophisticated and complex issues. Students have the opportunity to pursue in some depth topics of special interest and relevance to their individual vocational, career or research needs.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Prerequisites:** HUB655, HHB076 or equivalent

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB656

**Campus offered:** GP **Semester:** 1

### ► HHB078 INDONESIA 8

At this level students are comfortable in using authentic Indonesian source materials dealing with a range of sophisticated and complex issues. Students have the opportunity to pursue in some depth topics of special interest and relevance to their individual vocational, career or research needs.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Prerequisites:** HUB656, HHB077 or equivalent

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB657

**Campus offered:** GP **Semester:** 2

### ► HHB081 JAPANESE 1

Conversation and listening skills are developed using communicative methodology. Students study controlled natural language in authentic cultural settings using interactive videodisc programs. The hiragana and katakana scripts are taught from the outset and a total of 175 kanji are introduced.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB660

**Campus offered:** GP **Semester:** 1, 2

## UNIT SYNOPSES

### ► HHB082 JAPANESE 2

Conversation and listening skills are developed using communicative methodology. Students study controlled natural language in authentic cultural settings using interactive videodisc programs. The hiragana and katakana scripts are taught from the outset and a total of 175 kanji are introduced.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60  
**Prerequisites:** HUB660, HHB081 or equivalent  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** HUB661  
**Campus offered:** GP **Semester:** 2, 3

### ► HHB083 JAPANESE 3

Begins with a review segment to consolidate skills of students as they merge from introductory units and school studies. Language skills are developed through a combination of communicative classroom activities and interactive videodisc based computer programs. 150 additional kanji are introduced and cultural aspects are integrated.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60  
**Prerequisites:** HUB661, HHB082, Year 12 Japanese or equivalent  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** HUB662  
**Campus offered:** GP **Semester:** 1

### ► HHB084 JAPANESE 4

Students learn to express themselves on a variety of social and cultural topics. An additional 150 kanji are introduced and the use of computer programs are encouraged to reinforce kanji knowledge. Videodisc-based programs extend the ability to comprehend natural language in authentic cultural settings.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60  
**Prerequisites:** HUB662, HHB083  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** HUB663  
**Campus offered:** GP **Semester:** 2

### ► HHB085 JAPANESE 5

The videodisc series is completed in this unit, incorporating the whole range of grammatical structures used in natural settings. More complex texts expose students to a variety of socio-cultural issues. A further 150 kanji are introduced and students are encouraged to consolidate their skills using the computer programs available.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60  
**Prerequisites:** HUB663 or HHB084  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** HUB664  
**Campus offered:** GP **Semester:** 1

### ► HHB086 JAPANESE 6

A television drama series modified for classroom use will be the focus of listening and speaking activities in this unit. Reading/writing skills are extended and a further 150 kanji are introduced. Students are encouraged to consolidate their skills using the computer programs.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60  
**Prerequisites:** HUB664 or HHB085  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** HUB665  
**Campus offered:** GP **Semester:** 2

### ► HHB087 JAPANESE 7

The focus of this unit is the media. Television news and documentary programs of social and cultural interest are made accessible through the use of an interactive CD-ROM. Reading/writing activities focus on newspaper articles. Students should be able to write 1000 kanji by the end of this unit.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60  
**Prerequisites:** HUB665 or HHB086

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB666

**Campus offered:** GP

**Semester:** 1

### ► HHB088 JAPANESE 8

Practical skills for use in a business or other work-related environment are developed. These include writing a CV and letter of application for a job using a Japanese word processor, making phone calls, going for an interview, understanding the structure of Japanese companies, using polite language and presenting a business plan in Japanese. Kanji knowledge is extended beyond 1000.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60  
**Prerequisites:** HUB666 or HHB087  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** HUB667  
**Campus offered:** GP **Semester:** 2

### ► HHB091 GERMAN 1

In this introductory unit, students study authentic material using interactive videodisc technology and communicative class activities to equip them with basic communication skills for everyday use and for some workplace situations.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** HUB735  
**Campus offered:** GP **Semester:** 1

### ► HHB092 GERMAN 2

In this introductory unit, students study authentic material using interactive videodisc technology and communicative class activities to equip them with basic communication skills for everyday use and for some workplace situations.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60  
**Prerequisites:** HUB735, HHB091 or equivalent  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** HUB736  
**Campus offered:** GP **Semester:** 2

### ► HHB093 GERMAN 3

Consolidates speaking, listening, reading and writing skills using authentic video, interactive computer exercises, classroom communication activities, and written language and grammar assignments. Topics promote socio-cultural awareness and cover several areas of business and workplace language use.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60  
**Prerequisites:** HUB736 or HHB092  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** HUB737  
**Campus offered:** GP **Semester:** 1

### ► HHB094 GERMAN 4

Central to this unit are videodiscs relating to the events of 1989 and their consequences for German society. There is an increasing emphasis on writing skills and the expansion of the social and linguistic skills necessary in a German-speaking workplace.

**Courses:** BS56, ED50, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60  
**Prerequisites:** HUB737, HHB093 or equivalent  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** HUB738  
**Campus offered:** GP **Semester:** 2

### ► HHB095 GERMAN 5

Develops linguistic competence to a higher level through intensive study of syntax and vocabulary expansion exercises. More complex texts found in German work environments are analysed and students are introduced to German post-war cultural history through a variety of more demanding literary texts.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF70, IF30, SS60  
**Prerequisites:** HUB738, HHB094 or equivalent  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** HUB739

**Campus offered:** GP

**Semester:** 1

### ► HHB096 GERMAN 6

Two streams: (1) Students expand their knowledge of German culture through legends, fairytales, songs and news broadcasts on interactive CD ROMS. (2) Study of German texts relating to business and the professions.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60  
**Prerequisites:** HUB739, HHB095 or equivalent  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** HUB740  
**Campus offered:** GP **Semester:** 2

### ► HHB097 GERMAN 7

A survey of literary texts from Lessing to contemporary German writers forms a basis for grammatical stylistic and linguistic analysis and feature films are used to increase students' range of spoken registers and expression.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60  
**Prerequisites:** HUB740, HHB096 or equivalent  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** HUB741  
**Campus offered:** GP **Semester:** 1

### ► HHB098 GERMAN 8

Students continue their journey in German literature but explore different genres. Computer and technology applications, tools and terminology increase competencies in this area.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF39, IF70, SC30, IF30, IF43, IF70, IF81, IF82, IF30, IF86, SS60  
**Prerequisites:** HUB741, HHB097 or equivalent  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** HUB742  
**Campus offered:** GP **Semester:** 2

### ► HHB100 INTRODUCTION TO HUMAN SERVICES

This unit provides an introduction to human services and locates this within the broader context of the welfare state. It examines both the history, and global and national forces, which shape the current direction of welfare policy and the human service industry. The purpose of human service work and the various roles a human service worker may undertake or utilise will be explored. The unit challenges students to reflect on their own understandings of human services and human service work, and provides a foundation for detailed study in later years of the course.

**Courses:** HH02, SS60  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB110  
**Campus offered:** CA **Semester:** 1

### ► HHB101 THE WELFARE OF AUSTRALIANS

This unit provides a comprehensive demographic, political, social, economic, locational, indigenous and cultural portrait of Australia. It introduces concepts of power, class, authority, status, gender, race, location and culture and applies these to the Australian identity. The unit explores a number of topical social, economic and cultural issues. Students are encouraged to develop a critical analytical framework for the exploration of Australian society.

**Courses:** HH02  
**Contact hours:** 3 per week **Credit points:** 12

### ► HHB102 THE HUMAN CONDITION

This unit introduces students to a range of individual, familial and social conditions that impact on the lives and lifestyles of Australians. Attention is directed toward the impact of factors such as age, ability, gender, culture and class, and the identification and exploration of key processes in human growth and development. Students become informed about theories from a range of disciplines and develop a critical and reflective approach to understanding human development. By examining how societies define and respond to human need and adversity students develop a framework for examining the dynamic interaction of individual, interpersonal and social forces.

**Courses:** HH02

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**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB121  
**Campus offered:** CC **Semester:** 2

► **HBB103 CONTEMPORARY SOCIAL AND COMMUNITY ISSUES**

This unit explores a number of contemporary social issues relating to social marginalisation and human disadvantage. It locates these issues in a theoretical and descriptive framework thus providing students with both knowledge and analytical skills that are necessary for the ongoing exploration of social issues. It explores the connection between forces at a macro level and human disadvantage and examines the value assumptions that sustain structural inequity. It encourages students to reflect on the implications of structural disadvantage for human service practice and the role of the human service worker as a participant in civil society.

**Courses:** HH02  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB122  
**Campus offered:** CC **Semester:** 2

► **HBB104 UNDERSTANDING SOCIETY: INTRO. TO SOCIOLOGY**

This unit introduces students to the way sociology approaches the understanding of the social world in general and Australian society in particular. The following important issues will be covered throughout the semester. Firstly, students will learn about the role and significance of sociology and sociological knowledge. The development of sociology and sociological knowledge will be outlined and students will learn about the major sociological themes and authors. Secondly, the importance and placement of sociology in the context of social science will be discussed. Thirdly, students will learn how to understand and utilize some of the central sociological concepts such as class/status, sex/gender, and race/ethnicity. It is essential that social science students have a good grasp of these concepts. Last but not least, the aim of this unit is to broaden your knowledge and to contribute to your skills as social scientists.

**Courses:** PU49, SS60, HH01, HU20, HU22, ED50, IF30, IF36, IF43, IF70, IF81, IF82, IF86  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HBB120  
**Campus offered:** CC **Semester:** 1

► **HBB105 INTERPRETING CHANGE**

As one of the core introductory units for the Society and Change major, Interpreting Change introduces you to ways of understanding the intersection of personal experience with social change. The unit will be organised around exercises that encourage you to place your personal experiences in the context of a bigger picture of societal, interpersonal and environmental change. The unit also introduces the conceptual analytical, information retrieval, problem-solving and communication skills that form the basis of the society and change major. The three themes in the society and change major are: Societies in Transition, Environment, Society and Change and The Individual and Society. This unit illustrates the key contributions made by these three aspects to an understanding of specific changes you have experienced.

**Courses:** HH01  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB146  
**Campus offered:** CA **Semester:** 2

► **HBB106 AUSTRALIAN SOCIETY AND CULTURE**

Historical, political, economic and cultural information about Australia and Australians; egalitarianism; religion, frontiers and rural Australia; the historical and future role of technology in Australia.

**Courses:** ED50, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF86, SS60  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB600  
**Campus offered:** CA **Semester:** 1

► **HBB107 WORLD REGIONS**

Overview of world regional geography. It highlights key themes in both physical and human geography within specific regions, such as hu-

man-environment interactions; resource management; natural hazards; population and culture; and economic development.

**Courses:** ED50, HH01, HU20, HU22, IF70, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB202  
**Campus offered:** CA **Semester:** 2

► **HBB108 AUSTRALIAN SOCIETY AND CULTURE FOR INTERNATIONAL STUDENTS**

This unit will provide students from overseas with experiences and knowledge that will enhance their understanding of contemporary Australian society. A number of social, cultural and political ideas, policies, and actions that have shaped the people of Australia will be studied.

**Courses:** All  
**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** GP **Semester:** 1, 2

► **HBB109 AUSTRALIAN HISTORICAL STUDIES**

Public access to history is increasing, but what is told about the past in books, plays, films, encyclopaedia, documentaries, museums, galleries and national celebrations is contested, uncertain, and controversial. Who should tell history, what should be told and what should be left out are hotly debated. History is no longer dominated by celebratory, chronological narratives. Multidisciplinary approaches, alternative viewpoints and a wide range of media are now used to project private, family, community and national myths and stories. Current Australian historical studies, research and teaching reflect these uncertainties.

**Courses:** HH01  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 2

► **HBB110 INTRODUCTION TO INTERNATIONAL AND GLOBAL STUDIES**

This unit introduces students to a range of important perspectives in understanding international and global social change. Students will identify trends in globalisation from historical and theoretical frameworks, analyse regional trends and issues, and investigate the workings of significant international organisations and operations. In this unit students will develop research and communication skills in print and electronic media.

**Courses:** HH01, HU20, HU22, SS60, IF30, IF36, IF43, IF70, IF81, IF82, IF86

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB221  
**Campus offered:** CA **Semester:** 1

► **HBB111 ISSUES IN INTERNATIONAL AND GLOBAL STUDIES**

The forces of internationalisation and globalisation represent a significant shift in the way people work, live and relate to each other in societies and cultures. To be 'globally literate' means to critically engage with the concepts and issues of contemporary social change. This unit provides students with opportunities to investigate and analyse these issues, their opportunities and their impacts and to develop skills in analysis, research and reporting, and online discussions.

**Courses:** HH01, HU20, HU22, SS60, IF30, IF36, IF43, IF70, IF81, IF82, IF86

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB222

► **HBB112 AUSTRALIAN POLITICS**

The political life of the Australian citizen; the democratic political traditions and institutional bases of Australian political life; the process by which political decisions get made at all levels of Australian politics.

**Courses:** HH01, HU20, HU22, IF36, ED50, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB694  
**Campus offered:** CA **Semester:** 2

► **HBB113 INTERPERSONAL COMMUNICATION**

Introduces skills and processes of interpersonal relating as modified by culture, gender and power. Microskills are developed including building rapport, reflective listening questioning to understand, facilitate and advocate for clients of human services. Interviewing skills and skills in group communication are highlighted. Collaborative models are emphasised and special application includes third party involvement in communication

**Courses:** HH02, SS60  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** PYB052, HSB052  
**Campus offered:** CA **Semester:** 2

► **HBB114 INTRODUCTION TO HUMAN RIGHTS AND ETHICS**

This unit locates human rights in a broad political, legal, social, cultural and economic context. The unit draws on a number of academic disciplines. It consistently connects academic considerations to contemporary international, regional and national human right events. Thus, students may examine human rights in particular countries, explore topics such as child soldiers and trafficking and investigate thematic issues concerning the human rights of women, children and indigenous peoples. Extensive use is made of the Internet and media. Assessment options allow students to present work in a variety of forms.

**Courses:** HH02  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB002  
**Campus offered:** CA **Semester:** 1, 2

► **HBB115 HUMAN IDENTITY AND CHANGE**

What it means to be human; ways human identities (for example cultural, sexual, professional) are created and transformed; issues of identity, morality and change confronting human units in their encounters with the demands of contemporary life.

**Courses:** HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB601  
**Campus offered:** CA **Semester:** 2

► **HBB116 APPLIED SKILLS AND SCHOLARSHIP**

This unit aims to introduce students to key aspects of important generic attributes which QUT graduates are expected to acquire across the period of their studies. The unit is organized into two broad sections: an initial six weeks module focussing upon a range of topics relating to both information literacy and technological literacy and a seven week module in which students apply these skills in a discipline specific context while also being introduced to important understandings about research techniques and academic literacy. The unit is assessed on a pass/fail basis.

**Courses:** HH01, HH02, HU22, IF43, IF30, IF70, IF81, IF82, IF86

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB000  
**Campus offered:** CA **Semester:** 1, 2

► **HBB117 INTRODUCTION TO SOCIAL RESEARCH METHODS**

Part of human service work involves the capacity to analyse, critique, and understand the logic and relationship to practice of research findings. The emphasis of the unit is on becoming a good consumer of research through the adoption of a critical approach to the reading and utilisation of research. This unit is also designed to develop basic research skills and to prepare students for post-graduate research. Social scientific knowledge, its uses and ethical implications in the human service context; research designs and methodologies, data collection techniques are discussed.

**Courses:** HH02, HH01, HU22, SS60, IF43, IF70, IF81, IF82, IF86, IF30  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB222

► **HBB120 ETHICS, LAW AND HEALTH CARE**

Nursing practice involves making decisions with and for others which necessarily involve making evaluations of what is in the best interest of others, what are nurses' obligations to others and what will best protect or enhance their well-being. Hence, decision-making in nursing practice is bounded by normative considerations and these normative considerations fall into two groups: those constituted by the law and those constituted by ethics. This unit has been designed to provide for nursing students and practitioners an opportunity to develop a reflective understanding of the place of law and ethics in nursing and a professional awareness of current legal statutes and ethical discussions as they apply to nursing practice.

**Courses:** NS40, NS48, HH01, HH03  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB009  
**Campus offered:** KG **Semester:** 2

► **HBB121 INTERPRETING THE PAST**

Examines how the History discipline deals with the past, including questions of evidence and interpretation. Investigates from a critical perspective the status and value of historical knowledge, its construction, dissemination and meaning.

**Courses:** ED50, HH01, HU20, HU22, HU21, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB649  
**Campus offered:** CA **Semester:** 1

► **HBB122 COLONIALISM AND INDEPENDENCE IN ASIA PACIFIC**

General introduction to the history and geography of the Asia-Pacific region with a focus on the impacts of western imperialism, nationalism and economic modernisation. The unit will also consider issues of population, the environment and urbanisation.

**Courses:** ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB610  
**Campus offered:** CA **Semester:** 2

► **HBB200 WORKING IN HUMAN SERVICE ORGANISATIONS**

Service quality and the organisational dimension; industrialisation and development of human service work organisations; power based and empowering organisational paradigms; organisational cultures and gender; personal skills for human service workers including career, time and stress management; interpersonal skills for working collaboratively and resolving disagreement.

**Courses:** HH02, HH07  
**Prerequisites:** HSB110, HSB120  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB211  
**Campus offered:** CA **Semester:** 2

► **HBB201 INITIAL PROFESSIONAL PRACTICE**

Only enrolled Bachelor of Social Science (Human Services) students can undertake this unit. It provides students with an orientation to the human services industry and the organisational context of practice. A broad range of practice methods and approaches is introduced. Students undertake 200 hours of professional training consisting of an on-the-job, vocationally based experience supervised by an experienced practitioner. Attendance at seven university seminars is also required. The student and their agency supervisor devise an individual learning plan and work performance is assessed on six core competencies. Students assess their own suitability for the different types of human services practice.

**Courses:** HH02, HH07  
**Credit points:** 24 **Incompatible with:** HSB201  
**Campus offered:** CA **Semester:** 1

► **HBB203 AGED SERVICES: INTRODUCTION**

This unit focuses specifically on human service work with older adults. It introduces the developmental, social and cultural environment which impact on ageing, including aspects of intelligence, memory and learning and perspectives of work and retirement. In addition, the home environment and living with change, relations with family members and dealing with loss and grief are discussed.

**Courses:** HH02, HH07, SS60  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB213  
**Campus offered:** CA **Semester:** 1

► **HBB204 CHILD AND FAMILY SERVICES: INTRODUCTION**

This unit introduces students to child and family welfare studies and focuses on approaches to supporting families and promoting change. Students gain an overview of issues facing contemporary families that contribute to adversity and examine responses to the welfare needs of children and families, including indigenous families. Students examine characterisations of successful family relationships and causes and effects of domestic violence and child maltreatment. Principles and practices for working with families are discussed with an emphasis on rationales for and strategies associated with family-centred and empowering approaches. Dilemmas associated with working with children and families facing adversity are examined.

**Courses:** HH02, HS07, SS60  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB214  
**Campus offered:** CA **Semester:** 1

► **HBB205 CORRECTIVE SERVICES: INTRODUCTION**

Introduces students to the development and function of corrective services within the Australian criminal justice system. Examining the history and changing role and functions of prisons, and the emergence of community corrections, the unit assists students in understanding social and philosophical underpinnings about the purpose and function of prisons and community corrections. The unit also examines theories of deviance, and types of offenders.

**Courses:** HH02, HS07, SS60  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB215  
**Campus offered:** CA **Semester:** 1

► **HBB206 DISABILITY SERVICES: INTRODUCTION**

This unit links social justice, human rights and empowerment philosophies underpinning courses in the School. It examines the implications of these broad principles in the lives of people with disabilities. The unit explores the theoretical, social and political frameworks for analysing and understanding disability, the principles underpinning current service provision and their impact on the lives of people with disabilities using the service. Also explored are the cultural values and assumptions about disability, and the processes by which these values are translated into human service activity. Finally, the unit examines individual program planning and skill development practices.

**Courses:** HH02, HS07, SS60  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB216  
**Campus offered:** CA **Semester:** 1

► **HBB207 SERVICES TO YOUNG PEOPLE: INTRODUCTION**

This unit provides an introduction to human services practice with young people. It gives students an overview from both theoretical and operational perspectives. The various theoretical and popular understandings about 'youth' or 'adolescence' which condition human services provision to young people will be critically explored. Diversity and marginalisation amongst young people in relation to socio-economic status, gender, race and ethnicity, disability, sexual identity, and geographic location will be examined. The unit then briefly overviews contemporary policies, services, and practice

frameworks oriented to young people in respect of family, health, juvenile justice, accommodation, recreation/cultural life, housing, secondary education, vocational training and the labour market.

**Courses:** HH02, HS07, SS60  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB217  
**Campus offered:** CA **Semester:** 1

► **HBB210 INDIGENOUS AUSTRALIA: COUNTRY, KIN AND CULTURE**

This unit will build upon student's prior study of life in Indigenous communities. It aims to expand understanding of issues of importance to Indigenous people and to relate those issues to the practices in human service agencies. The Oodgeroo staff and leaders from the Indigenous community will work with staff from the School of Human Services in presenting this unit. Though no prerequisite unit is required it is strongly recommended that students undertake an introductory unit such as HUB703.

**Courses:** HH01, HS07  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB233  
**Campus offered:** CA **Semester:** 1

► **HBB211 CASEWORK AND CASE MANAGEMENT**

Casework and case management are the predominant human services practice methods and involve a range of processes and skills to ensure that service outcomes are effective and efficient. This unit compares and contrasts casework and case management strategies and approaches across a variety of practice contexts and scenarios. Students explore and analyse primary skills, tasks and roles including assessment, referral, brokering, review, advocacy, record keeping and workload management. Key learning strategies include problem based learning and the review, design and modification of a case management system for a particular practice context. Assessment is a scenario based exam and project paper.

**Courses:** HH02, HS07  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB230  
**Campus offered:** CA **Semester:** 2

► **HBB212 COMMUNITY WORK**

Community work as a distinct intervention skill is defined. The background to community work in Australia. Models of community work are introduced and analysed. Basic skills and techniques are developed: entering a community; building community involvement; developing community action; managing common problems.

**Courses:** HH02, HS07  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB320  
**Campus offered:** CA **Semester:** 1

► **HBB213 SOCIAL POLICY PROCESSES**

Conceptualising economic, structural change in Australia: understanding emergent ideas about state and society; identifying and contrasting alternative social policies and strategies. The major debates in Social Policy will be explored. Analyses of Australia's response and the impact on redistribution in the Welfare State. Current analyses of health, housing, income security, immigration and family policies at federal, state and local government level.

**Courses:** HH02, HS07  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB231  
**Campus offered:** CA **Semester:** 2

► **HBB214 GROUP PRACTICE AND TEAM PROCESSES**

A significant methodology used in human service work involves facilitating, supporting or consulting with various groups of people. This unit focuses on the development of skills to utilise this type of intervention appropriately. The unit aims to provide a basic understanding of the various uses to which group processes may be applied. Group work is located as an intervention process within the human service arena as distinguished from other processes at individual, community and societal level.

**Courses:** HH02, HS07  
**Contact hours:** 3 per week **Credit points:** 12



**Incompatible with:** HSB232

**Campus offered:** CA, CC **Semester:** 2, 3

► **HBB215 CRISIS AND CONFLICT RESOLUTION**

This unit identifies the physiological, psychological and social impacts of human crises and interpersonal conflict. It further aims to provide students with an understanding of such crises on individuals, social units and communities, and to prepare students for professional roles involving responses to crises services. It assists students to develop specific intervention skills for professional practice in a variety of settings requiring crisis intervention, family mediation, dispute resolution, grievance hearings, and critical incident debriefing skills.

**Courses:** HH02, HS07

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HSB234

**Campus offered:** CA **Semester:** 1

► **HBB216 THE HUMAN DIMENSIONS OF SPACE**

This unit is a component of the Community Studies major and will cover the role of space in contemporary societies; key types of spaces and patterns in their usage; spaces as sites for cultural and symbolic expression; understanding the way inequality can and is reproduced through the configuration and management of space; understanding of the way particular public spaces are used and experienced by particular sections of the community eg young people; key issues in public space configuration, management and policy eg enhancing social inclusion, safety and security, links between the economic and social, new urbanism; emerging theory and ideas about good practice in the development or reconfiguration of public and community accessed public spaces to achieve improved community outcomes.

**Courses:** HH01

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HSB235

**Campus offered:** CA **Semester:** 2

► **HBB220 INTERVENTION THEORIES AND METHODS**

Sound human services practice involves the assessment of complex social and client issues and the application of relevant theories and practice frameworks to implement effective change strategies and processes. In this unit students apply and integrate theory with practice realities and dilemmas. Problem based learning is a major feature along with exploration and analysis of relevant theoretical perspectives and models. Students are assisted toward the development of their initial framework for human services practice. The influences of ideologies, values, ethics, cultural diversity and practice contexts upon service delivery options are explored. Assessment includes an oral presentation and two exams.

**Courses:** HH02, HS07

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HSB218

**Campus offered:** CA **Semester:** 1

► **HBB221 INTERVENTION PROCESSES AND ETHICS**

This unit focuses on knowledge and skills for human services practice. Its particular focus is enabling students to apply core human services processes (such as engagement, assessment, intervention, case management, closure), and to develop skills in considering the ethical and cultural dimensions of human service practice. Critical examination of these will further assist students in the ongoing development of their own practice framework especially in respect of the dynamic interplay between personal and professional influences. The unit plays an important role in preparing students to undertake their Professional Practice Placement in third year.

**Courses:** HH02, HS07

**Prerequisites:** HSB218

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HSB228

**Campus offered:** CA **Semester:** 2

► **HBB221 INTERVENTION PROCESSES AND ETHICS**

This unit focuses on knowledge and skills for human services practice. Its particular focus is enabling students to apply core human services processes (such as engagement, assessment, intervention, case management, closure), and to develop skills in considering the ethical and cultural dimensions of human service practice. Critical examination of these will further assist students in the ongoing development of their own practice framework especially in respect of the dynamic interplay between personal and professional influences. The unit plays an important role in preparing students to undertake their Professional Practice Placement in third year.

**Courses:** HH02, HS07

**Prerequisites:** HSB218

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HSB228

► **HBB222 HUMAN SERVICE PRACTICE: LEGAL DIMENSION**

This unit focuses on the connection between the law, judicial and legal systems, and human service practice. It provides a detailed description of the legal, criminal and judicial systems and processes in Australia and Queensland. It includes a critical analysis of the relationship between the law and justice exploring the notion of law as a social construct reflecting differentials in power. Throughout, an emphasis is placed on those aspects of law and legal processes that have particular application for human services and human service practice.

**Courses:** HH02, HS07

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HSB 229

**Campus offered:** CA **Semester:** 2

► **HBB224 QUALITATIVE RESEARCH METHODS**

Introduces students to the logic/s, techniques and contributions of qualitative methods. First, it focuses on the processes and logics involved in qualitative research, paying particular attention to theory construction, the inductive method and issues of reliability and validity. The unit looks at these processes with respect to the contribution and logic of the qualitative case study. Students will then acquire both conceptual and hands on skills in the application of a number of qualitative research techniques. These include ethnography and observational methods, accessing documents through internet search techniques and some approaches to analysing them, the analysis of spoken interaction through conversation analysis and Goffman's concept of footing, and techniques for conducting and analysing qualitative interviews.

**Courses:** HH01, PY07, SS60, HU20, HU22,

IF30, IF36, IF43, IF70, IF81, IF82, IF86, ED50

**Prerequisites:** SSB969 or HUB133

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB140

**Campus offered:** CA **Semester:** 2

► **HBB225 POLITICAL SOCIOLOGY**

This unit examines a variety of sociological themes which might broadly be termed political. Central to the unit will be an examination of sociological conceptions of power. Typically, sociologists have examined power in connection with the state; power has frequently been regarded as flowing from the state. We shall examine these debates, and move on to recent theorisations which have begun to detach power from the state. We shall take some case studies to make these distinctions clearer, including the construction of an Australian administrative elite, the notion of police in seventeenth and eighteenth century Europe, and the compulsory education as the sphere of the reproduction of social relationships.

**Courses:** HH01, HH03, HU22, SS60, HU20,

IF30, IF36, IF70, IF81, IF82, IF86

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB134

► **HBB226 CONSUMING CULTURES**

Consumption is usually understood in economic terms as the 'flip-side' to production. However, the act of consuming can also be considered as a

practice which has particular cultural/social connotations. Additionally, while the social relations of consumption and the way in which consuming practices are read culturally are often understood in local or community terms, much contemporary debate centres on the implications of globalisation in the (re)formulation of cultures and cultural values. For example, does globalisation and its associated mass production of goods and services imply increasingly homogenised consumer cultures or are there other processes at work which act to challenge or unsettle such homogenising tendencies? Are the forces of globalisation more unstable and diverse than previously imagined? Might globalised digital networks act to refashion consumer cultures in more ecologically sustainable ways? How are the new global virtual consumer cultures to be understood? This unit explores some of these issues.

**Courses:** HH01, HU22, SS60, IF43, IF30, IF70,

IF81, IF82, IF86

**Contact hours:** 3 per week **Credit points:** 12

► **HBB227 ENVIRONMENT AND SOCIETY**

A geographical, systems approach to investigations of the natural and social environments, and human-environmental interactions. The emphasis is on explaining spatial patterns and variability in social and natural landscapes through the understanding of physical, social and cultural processes and systems at regional and local spatial scales. Through practical sessions, the acquisition of basic geographical field and mapping skills is fostered.

**Courses:** ED50, HH01, HU20, HU22, IF36,

IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30,

SS60

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB201

**Campus offered:** CA **Semester:** 1

► **HBB228 ENVIRONMENTAL HAZARDS**

The nature of hazard, risk and disaster; origins of hazards; nature of disaster; influences on the perception of risk; disaster prediction, preparation, response and recovery strategies.

**Courses:** ED50, HH01, HU20, HU22, IF70,

IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86,

IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB207

**Campus offered:** CA **Semester:** 2

► **HBB229 WINDOWS ON JAPAN**

The focus of this unit is contemporary Japan and Japanese people. Topics include a geographical overview of Japan, its natural resources and population; contemporary political, social and environmental change; Japan's role in the Asia Pacific region.

**Courses:** ED50, HH01, HU20, HU22, IF36,

IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30,

SS60

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB220

► **HBB230 POLITICAL BEHAVIOUR**

Topics covered include political socialisation and party identification, political culture and ideology, old and new political values, support for minor political parties, political campaigns and political issues, party leaders and local candidates, connections between elite and mass political behaviour and political participation.

**Courses:** SS60, HH01, HU22, HU20, IF30,

IF36, IF43, IF70, IF81, IF82, IF86

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB126

► **HBB231 HEALTH, SOCIETY AND ENVIRONMENT**

Provides sociological analysis of the health care models and institutions, healing relationships (between patients, nurses and doctors), theories of disease causation, and relationships in illness situations and illness behaviours. Covers sociology of the body including exploration of the experience of illness and professional practice from the patient's perspectives. Influence of gender, age, ethnicity, social class and disability in their experience. Importance of social and cultural approach to environmental health issues.

## UNIT SYNOPSES

**Courses:** SS07, HH01, HU20, HU22, SS60, NS40, NS48, IF30, IF36, IF70, IF81, IF82, IF86  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB127  
**Campus offered:** CA **Semester:** 1

### ► HHB232 SURVEY METHODS

Introduces students to the principles and procedures of survey research using a practical, applied approach stressing the uses of survey research for investigating a range of different social problems and social science questions. It covers the fundamentals of designing and conducting surveys and then introduces students to the basics of how to analyse survey data once they have been collected. No prior knowledge of or experience with survey research or statistics is assumed.

**Courses:** SS07, SS60, HH01, HU20, HU22, IF30, IF36, IF43, IF70, IF81, IF82, IF86  
**Prerequisites:** HUB120, HHB104 or SSB000  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB130  
**Campus offered:** CA **Semester:** 1

### ► HHB233 SEX, GENDER AND SOCIETY

Focuses on the history of feminist thought and contemporary perspectives with reference to issues of sociological inquiry. It examines the significance of perspectives from critical theory, structuralism, post-structuralism and action approaches in the development of feminist theory. The implications of feminist perspectives for research strategies will be considered with reference to feminist philosophers of science and metatheorists such as Sandra Harding and Dorothy Smith.

**Courses:** SS07, SS60, HH01, HU22, HU20, IF30, IF36, IF43, IF70, IF81, IF82, IF86  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB131  
**Campus offered:** CA **Semester:** 1

### ► HHB234 SOCIOLOGICAL THEORY

Examines the relationship between sociological theories and sociological analysis. It covers a range of theoretical approaches and looks at their application in specific case studies. Students are encouraged to see the social world as an explorable milieu which can be approached from a variety of research strategies. The range of topics will be explored in relation to theories of classical sociological authors such as Karl Marx, Georg Simmel, Max Weber and Emile Durkham, as well as many contemporary authors.

**Courses:** SS07, HH01, HU20, HU22, SS60, IF30, IF36, IF43, IF70, IF81, IF82, IF86  
**Prerequisites:** HUB120 or HHB104  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB133  
**Campus offered:** CA **Semester:** 1

### ► HHB235 IDENTITIES: THE BODY, TECHNOLOGY & CYBERSPACE

The question of social identities emerging in late modernity represents one of the most crucial aspects of contemporary social theorising and development. Students will gain insight into the contemporary debates on identity, covering a range of topics such as: loss of tradition, identity politics and identity representation.

**Courses:** HH01, HH03, IF70, IF36, IF82, IF84, IF43  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CC

### ► HHB236 VIRGINS, SAINTS AND SINNERS: SOCIOLOGY OF RELIGION

This unit explores the role which religions and various forms of spirituality play in contemporary social processes. It will discuss how religious movements are gaining instead of losing social significance (eg. religious fundamentalisms) and explain why and how they are diversifying. Students will be given insights into a variety of themes, including new religious movements, civil religion, sex and Christianity, the ideas of sin, apocalypse, and many more. Religious phenomena will be explored in a manner sensitive to believers but also in a critical, relativist and value-neutral fashion.

**Courses:** HH01, HU20, HU22, SS60, IF36, IF43, IF70, IF30, IF81, IF82, IF86  
**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB145

**Campus offered:** CA **Semester:** 1

### ► HHB237 BRISBANE IN THE TWENTIETH CENTURY

A study of local history often serves to highlight in a more immediate way, trends which are apparent at the national and international level. This unit focuses on key turning points in the history of Brisbane. It examines sources for and approaches to the study of the history of Brisbane and district and then applies these ideas to selected case studies.

**Courses:** HH01, HH03  
**Credit points:** 12  
**Campus offered:** CC **Semester:** 3

### ► HHB238 ASIAN CULTURES AND SOCIETIES

This is an introductory survey of Asian societies and cultures. It presents the diverse array of cultures, languages and peoples that comprise the many identities of the Asia Pacific region. It aims to introduce students to the environment, the cultures, and the societies of the Asia Pacific at the current time. Focus will be placed on the nature of economic and political development in the region and the costs and benefits of that experience.

**Courses:** HH01, IF43, IF70, IF30, IF81, IF82, IF86  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB331

### ► HHB239 KOREAN CULTURE AND SOCIETIES

Korea has important trading, historical and cultural links with Australia. In this introductory unit on Korea, students will examine the histories, culture and societies of South and North Korea, with foundations in pre-modern history and the philosophies of shamanism, Taoism, Buddhism and Confucianism. The unit will examine the experiences in Korea of colonialism, communism and modernization. Students will critically evaluate contemporary politics, society and social relations in Korea, the impacts of globalisation and Korea's place in regional and world affairs.

**Courses:** HH01, HU20, HU22, SS60, IF36, IF43, IF70, IF81, IF82, IF86, IF30  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB332

### ► HHB240 SOCIOLOGY OF CRIME AND DEVIANCE

Crime, justice and deviance are central features of our social and political lives. A sociological approach to the study of crime and deviance takes it for granted that social values, processes and institutions shape the form and the content of crime and deviance. Students will learn about the causes of crime and deviance, and the unit will give students some of the theoretical and methodological skills necessary to collect, interpret and evaluate information about crime and deviance. While this unit is offered as an elective in the sociology major, it deals with one of the core concerns in sociology. It is extremely useful for students for a variety of career options (policing, corrections, social policy, private security, etc). It is intended to be a relevant unit for students studying in other Humanities and Social Science majors, especially Politics, Applied Ethics, Gender Studies, Human Services and Psychology.

**Courses:** HU20, HU22, HH01, SS60, HH03, IF43, IF36, IF30, IF81, IF82, IF86  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB150

### ► HHB241 GENDER AND GLOBALISATION

This unit challenges existing notions of development. It evaluates current models of development and aid in terms of their implications for women. It suggests that real development for women and their dependents requires a woman-centred approach: one that acknowledges the needs and desires of the women involved and utilises the existing skills and networks of women themselves.

**Courses:** HH01, HH03  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CC **Semester:** 1

### ► HHB242 PACIFIC CULTURE CONTACT

Key concepts including mobility, religion, morality, leadership, civilisations, society, change and continuity; develops an appreciation of culture and sensitivity towards cultural heritage; case studies and comparative analysis focus on the people of the Pacific at the time of initial European contact.

**Courses:** HH01, HH03, ED50, IF36, IF43, IF70, IF81, IF82, IF86  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CC **Semester:** 2

### ► HHB243 THE PACIFIC SINCE 1945

This unit examines national identity and nationhood in the context of contemporary events in the Pacific Islands, including indigenous and external attempts to create a regional identity. The major themes are cultural transformation, the invention of tradition, neo-colonialism, sovereignty and independence. Through an overview of the events that are important in the lives of Pacific Island people, the unit will present key concepts including mobility, adaptation, change, tradition, continuity, conflict and independence.

**Courses:** HH01, HH03  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CC

### ► HHB244 SOUTH-EAST ASIA IN FOCUS

Australia's interaction with South-East Asia, including our most populous nearest neighbour, Indonesia, has increased dramatically over the last fifty years. This unit examines aspects of South-East Asian geography, environment, society and culture in a contemporary framework.

**Courses:** HH01, HH03  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CC **Semester:** 1

### ► HHB245 AUSTRALIA AND THE SOUTH PACIFIC

Critical analysis of the history of Australian bilateral and multilateral links with the Pacific islands region, including Pacific frontier theory, sub-imperialism, colonial rule and contemporary dialogue over aid, trade, regionalism, defence, cultural exchange and migration.

**Courses:** HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF86, SS60  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB627

### ► HHB246 MODERN CHINA

A historical survey of China during the nineteenth and twentieth centuries. The primary focus will be on the decline of the traditional Chinese state and the impact of foreign imperialism. Stress is placed on the growth of nationalism and the Chinese revolution. The modernisation of Chinese culture, the position of women and the forces which have brought China to resume its place as the major Asian force will be studied.

**Courses:** HH01, HH03  
**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** CC **Semester:** 1

### ► HHB248 THE USA AND THE ASIA PACIFIC REGION

Despite claims that it was not a colonial/imperial power, the USA had extensive territories - Hawaii, Philippines, Samoa, Micronesia - and historically was active in China, Vietnam, Korea, Taiwan and was the occupation force in post-war Japan. How did the USA acquire this interest in the Asia-Pacific, how was it administered and why did the USA withdraw? How did Asia-Pacific peoples react to USA control? What role did Asia play in the USA's concept of their Manifest Destiny, the Open Door policy, the Nixon Doctrine and the Cold War? How is the USA situated now in Asia-Pacific? This unit addresses these questions from a global, regional and historical perspective.

**Courses:** HH01, HU22, SS60, IF30, IF43, IF70, IF81, IF82, IF86  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 2

### ► HHB249 SOCIAL MOVEMENTS IN AUSTRALIA

New social movements in Australia since the 1960s; includes green, women's, peace, indige-

## UNIT SYNOPSES

nous and Third World development movements; comparison with overseas and old social movements.

**Courses:** ED50, HH01, HU20, HU22, SS13, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF70, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB682

### ▶ HHB250 AUSTRALIAN GEOGRAPHICAL STUDIES

The unit systematically describes and explains the geography of Australia by analysing the distinctive spatial patterns and processes that constitute the Australian landscape. Topics include: the state of the environment, land-use patterns, the rural crisis, settlements and cities, population and societal change, and economic/regional development. Emphasis is on contemporary, issue-based themes.

**Courses:** ED50, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB683  
**Campus offered:** CA **Semester:** 1

### ▶ HHB251 AUSTRALIAN RESOURCE MANAGEMENT

Describes the principles of Ecologically Sustainable Development and environmental resource management and outlines their practical applications to environmental planning, development and conservation issues in Australia. Institutional, political, social, economic and technological processes affecting environmental resource management are critically discussed with examples drawn from contemporary Australian experiences.

**Courses:** ED50, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB685

### ▶ HHB253 CONSPIRACY AND DISSENT IN AUSTRALIAN HISTORY

Case studies reflect conspiracies as well as protest movements in nineteenth and twentieth century Australia; includes nineteenth century land grab conspiracies; Aboriginal resistance; the Petrov affair; the 1975 Dismissal and the Hilton bombing.

**Courses:** ED50, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB692  
**Campus offered:** CA **Semester:** 2

### ▶ HHB254 INDIGENOUS AUSTRALIAN CULTURE STUDIES

An appreciation of the two distinct indigenous cultures of Australia; how external forces to Aboriginal and Torres Strait Islander cultures caused social, economic and political changes; traditional family life and organisation.

**Courses:** ED50, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB700  
**Campus offered:** CA **Semester:** 1

### ▶ HHB255 INDIGENOUS POLITICS AND POLITICAL CULTURE

Examines issues and influences underlying the world of indigenous politics: political representation; land rights; health; education; community development; criminal justice; culture and heritage. An Australian focus with New Zealand and North American comparisons.

**Courses:** ED50, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB703  
**Campus offered:** CA **Semester:** 2

### ▶ HHB256 EUROPE SINCE 1945

Uses historical and literary perspectives to highlight major themes in the development of European society and culture since 1945.

**Courses:** ED50, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB720

### ▶ HHB257 THE CLASSICAL WORLD

The emergence and development of European society from earliest times to 500 AD; it examines the major political, social and economic trends in classical Greek and Roman society.

**Courses:** HH01, HH03, ED50, IF70, IF81, IF82, IF43, IF86

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CC **Semester:** 2

### ▶ HHB258 FOUNDATIONS OF MODERN EUROPE

The formation of modern Europe from the late Middle Ages to the end of the eighteenth century; the emergence of secularism and the rise of the nation states.

**Courses:** HH01, HH03  
**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** CC **Semester:** 2

### ▶ HHB259 WAR AND REVOLUTION IN EUROPE 1914-1945

Examines political, social, economic and intellectual developments in Europe from 1914-1945.

**Courses:** HH01, HU22, HU20, IF30, IF43, IF70, IF81, IF82, IF86, SS60

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB723

### ▶ HHB260 NATIONS AND NATIONALISM IN MODERN EUROPE

This unit selectively examines political, social, economic and intellectual developments in modern Europe from the French Revolution to the era before the Great War of 1914-18.

**Courses:** HH01, HU22, HU20, IF43, IF30, IF70, IF81, IF82, IF86, SS60

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB743

### ▶ HHB261 MEDIEVAL EUROPE

The Middle Ages constitute a crucial period in the formation of a European identity. The breakdown of the Roman world saw the gradual emergence of a Christian civilisation of striking originality. At the same time, it gave rise to political fragmentation, as well as to the national characteristics and antagonisms which are still part of the European scene today.

**Courses:** HH01, HH03, ED50, IF70  
**Contact hours:** 12  
**Campus offered:** CC **Semester:** 1

### ▶ HHB262 POLITICAL IDEOLOGIES

The political spectrum of the traditional Left-Right-Centre ideologies including Fascism; Conservatism; Liberalism; Socialism; Communism; Anarchism are discussed, along with cross-spectrum ideologies such as Feminism; Imperialism; Racism; Environmentalism. The course concludes with reference to post-modernist politics and its implications for the traditional ideological spectrum.

**Courses:** HH01, HU20, HU22, IF36, ED50, IF30, IF70, IF43, IF81, IF82, IF86, SS60

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB772

### ▶ HHB263 POLITICS OF GLOBALISATION

Political economy of production; form of economic calculation and theories of value, profit and interest; ownership and control of production in market and non-market situations.

**Courses:** HH01, HU20, HU22, IF36, ED50, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB802

### ▶ HHB264 PUBLIC AND PROFESSIONAL ETHICS

Discusses the ethical dimensions of public and professional life; the ethical rights and responsibilities of the individual citizen and the state within a liberal democracy; the ethical responsibilities of institutional and professional agencies and the roles and ethical responsibilities of individual citizens in such agencies.

**Courses:** HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB751

### ▶ HHB265 THE JUST SOCIETY

Explores the notions of justice and concepts such as equity, justice and concepts such as equity in various ethical and political traditions are applied to recent policy debates about affirmative action, the criminal justice system, political practice, health and the environment.

**Courses:** HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB752

### ▶ HHB266 ETHICAL DECISION MAKING

Examines the ways in which various decision-making practices can be normally grounded; the practical value of such procedures for human transformation and emancipation; the ways in which decision-making practices either sustain or subvert moral communities.

**Courses:** HH01, HU20, HU22, IF36, IF39, IF43, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB753

### ▶ HHB267 FEMINISM AND ETHICS

Discusses the impact of the feminist movement on ethical and political theory; what does it mean to say the differences between men and women are natural or socially cultivated? What are the normative implications of these differences? What counts as equality between the sexes? Do women think differently about ethical situations than men?

**Courses:** HH01, HU20, HU22, IF36, IF43, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB754

### ▶ HHB268 VULNERABLE IDENTITIES

Considers vulnerability and the experiences of persons who are vulnerable due to exploitation, abandonment, confusion or suffering and other unethical practices; ways of relating with the vulnerable; students develop a richer appreciation of others as well as themselves.

**Courses:** HH01, HU20, HU22, IF36, IF43, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB755

### ▶ HHB269 ETHICS, TECHNOLOGY AND THE ENVIRONMENT

Examines how decisions about new technologies and the environment are based not solely on factual evidence but also on ethical judgements; ethical aspects of issues such as genetic engineering, free-riding problems with 'caring for' the environment, human obligations toward non-human animals, whether wilderness areas have value independent of their value to humans, and whether a proper concern for the environment requires a new 'environment or ecological ethic'.

**Courses:** HH01, HU20, HU22, IF36, IF43, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB757

### ▶ HHB270 GENE TECHNOLOGY AND ETHICS

Gene technology is poised to revolutionise science, technology, the practice of medicine, and the global economy. Social and public policies must keep up with the science and with public sentiments. Ethical inquiry must identify acceptable rules of public conduct. Processes are called for to balance the vastly divergent perspectives and interests. The introductory unit mirrors the interdisciplinary nature of gene technology and is open to students from all faculties. The unit will discuss the nature of ethics and gene technology. It will present select topics of relevance to medical genetics, the environment and the biotechnology industry. Finally, it will discuss Federal and State Government Policy and Strategy.

**Courses:** All courses  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB831

► **HHB271 ETHICAL THEORY**

Students will be exposed to some of the most common approaches to ethical theorising, including deontology, utilitarianism, egoism and virtue theory. These theories will be introduced via both historical and contemporary proponents. Students will also be made aware of how these broad categories are related to a range of standard theories about political theorising, such as contractarian liberalism or the utilitarianism implicit in much welfare state theorising or economic theorising about justice. Furthermore, students will be familiarised with some of the standard positions regarding the question of objectivity in ethics, versus moral or cultural relativism about ethical questions. Finally, some standard criticisms of the whole idea of theorising about ethics will be introduced.

**Courses:** HH01, HH03, IF70, IF81, IF82, IF30, IF43  
**Contact hours:** 3 per week **Credit points:** 12  
**Semester:** 1

► **HHB272 COMPOSING IDENTITIES: THE ARTISTRY OF LIVING**

This unit provides an opportunity to examine the practices of accounting for and constituting who we are - our identities. It examines the inseparability between composing our lives and living our lives, between artistry and identity, and considers the significance of this fusion for our, and others, well-being. The artistry of living is a practical endeavour which is often practiced through writing, especially autobiographical or 'self-life-writing'. The unit, therefore, considers the relationship between autobiography and identity and the different forms of living that emerge from these practices. Self-life artists' works/compositions to be considered include Socrates, Augustine, Montaigne, Simone de Beauvoir, Michel Foucault and 20th century Egyptian women writers Nawal al-Sa'dawi and Latifa al-Zayyat.

**Courses:** HH01, HH03, IF70, IF81, IF82, IF30, IF43, IF86  
**Contact hours:** 3 per week **Credit points:** 12  
**Semester:** 1

► **HHB273 RESHAPING LIFE AND DEATH**

The unit will cover the following areas: new technologies of birthing including the medicalisation of birth, pre-natal screening, and artificial reproductive technologies; the human genome project, emerging possibilities, health and social implications; the technologies of life support, the definition of death, issues of organ cultivation; cultural and ideological features of the new 'life' technologies.

**Courses:** HH01, HH03, IF70, IF81, IF82, IF30, IF43, IF86  
**Contact hours:** 3 per week **Credit points:** 12  
**Semester:** 1

► **HHB274 HUMAN RIGHTS: INTERNATIONAL AND REGIONAL ACTIVISM**

This unit encourages students to consider the transformative nature of human rights activism at the international and regional level. It examines the international human rights system giving particular attention to the social, political, gender and cultural dimensions of the development of international and regional human rights norms. It critically reviews the effectiveness of the international and regional human rights system in the protection, promotion and realization of civil, political, economic, social, cultural and development rights. Academic deliberations are located in a number of concrete human rights issues and situations. The unit places significant emphasis on the development of analytical capacities and interventionist skills essential for those engaged in human rights activism at the international and regional level. Extensive use is made of the internet and media. Assessment options allow students to present work in a variety of forms.

**Courses:** HH01  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB003

► **HHB275 HUMAN RIGHTS: AUSTRALIAN ACTIVISM**

This unit encourages students to consider the transformative nature of human rights activism within the Australian domestic context. It examines the relationship between the international human rights system and the domestic human rights regime. The unit gives particular attention to the social construction of rights and examines Australian human rights from political economy, gender, power, cultural and indigenous perspectives. It critically reviews the effectiveness of the domestic human rights system in the protection, promotion and realization of civil, political, economic, social, cultural and development rights. The unit places significant emphasis on the development of analytical capacities and interventionist skills essential for those engaged in human rights activism at the domestic level.

**Courses:** HH01  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB005

► **HHB300 CURRENT DEVELOPMENTS IN HUMAN SERVICES**

This unit identifies major forces influencing the direction and nature of the welfare state. It explores the impact of change in welfare state for the contemporary human service industry. The unit identifies emerging trends in human service organisation and delivery and examines the implications for human service practitioners, service providers, and consumers.

**Courses:** HH02, HS07  
**Contact hours:** 2 week block  
**Credit points:** 12 **Incompatible with:** HSB300

► **HHB301 ADVANCED PROFESSIONAL PRACTICE**

Only enrolled Bachelor of Social Science (Human Services) students can undertake this unit. Students prepare for employment by developing and refining their assessment and intervention skills while undertaking a 400 hour vocationally based practice experience supervised by an experienced practitioner. Demonstrated sound and ethical practice abilities are expected of students during an intensive exposure to a range of practice methods, issues and dilemmas. Students and their agency supervisor devise a learning plan, which assesses work performance in six core competencies and a flexible assessment item. Students attend university workshops and complete university requirements including a job application and reflective assignment.

**Courses:** HS07  
**Prerequisites:** HSB201, HSB218, HSB228, HSB211, HSB229  
**Credit points:** 26 **Incompatible with:** HSB301

► **HHB303 AGED SERVICES: ADVANCED**

This unit builds on the knowledge, skills and abilities developed in Aged Services: Introduction. Issues around the health and wellness status of older people are explored and there is an emphasis on investigation and addressing the needs of this group as they grow older in the Australian environment. Specific issues to be discussed include: health behaviours, physical changes associated with ageing, nutrition, physical exercise, sexuality, substance abuse, dementia, care-giving and advocacy.

**Courses:** HH02, HS07, SS60  
**Prerequisites:** HSB213  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB323

► **HHB304 CHILD AND FAMILY SERVICES: ADVANCED**

Work with disadvantaged parents, foster carers and adoptive parents; human services responses by women; parents and women's participation in services; service characteristics consistent with user rights, empowerment and social justice; parents and families involuntarily receiving services; application of skills in ethical decision-making, policy development, interpersonal processes and group work.

**Courses:** HH02, HS07, HH03, SS60  
**Prerequisites:** HSB214  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB324

► **HHB305 CORRECTIVE SERVICES: ADVANCED**

Designed to enhance students' knowledge and understanding of contemporary issues currently facing corrective services based on analysing the students field education experiences. From this understanding students will be assisted in developing their critical thinking and problem solving skills, and undertake strategies to prepare for employment opportunities in corrective services.

**Courses:** HH02, HS07, HH03, SS60  
**Prerequisites:** HSB215  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB325

► **HHB306 DISABILITY SERVICES: ADVANCED**

This unit builds on concepts and issues introduced in the Disability Services: Introduction unit and is designed to promote understanding of the knowledge required to undertake policy and service development activities within the disability sector. It explores the range of service models relevant to people with a disability across their lifespan. Additionally, it examines the quasi-legal and policy aspects of working in disability service organisations, along with some of the ethical dilemmas inherent in human service provision with particular relevance to people with a disability.

**Courses:** HH02, HH03, HS07, SS60  
**Prerequisites:** HSB216  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB326

► **HHB307 SERVICES TO YOUNG PEOPLE: ADVANCED**

Many of the positions available in the human services industry and oriented to young people, require specific knowledge, skills and understandings. This unit will involve an in-depth exploration of contemporary and emerging areas of direct and indirect practice with young people. Included are early intervention and prevention, youth policy analysis and development, juvenile justice practice, youth and family work, youth health practice, public space practice, accommodation and housing practice, and the interface between human services practice and schools. The unit will also examine the legal and ethical dimensions of direct practice as an integral part of the unit.

**Courses:** HH02, HH03, HS07, SS60  
**Prerequisites:** HSB227, HSB310  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB327

► **HHB310 GLOBALISATION AND SOCIAL THEORY**

Examines a range of social theory which has had an increasing impact on sociological work in the last decade or so. The unit will concentrate on the so-called 'post-Marxist' tradition (Althusser, Poulantzas, Bourdieu), on poststructuralism and postmodernism (Lyotard, Baudrillard, Derrida, Foucault), on German critical theory (Habermas), and on theories of the breakdown of modernity and the birth of the risk society (Giddens, Beck). This social theory will be introduced with an emphasis on its practical uses for the empirical sociologist.

**Courses:** HH01, SS07, SS60, HU20, HU22, IF30, IF36, IF43, IF70, IF81, IF82, IF86  
**Prerequisites:** HUB133 or HHB234  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB139

► **HHB312 GEOGRAPHICAL RESEARCH DESIGN**

The unit develops skills in geographical field techniques and data analysis, and provides a foundation in advanced research design for geographical studies. Information capture and analysis focuses on local-region investigations, and the use of geographical software and databases including resources from the Australian Bureau of Statistics, Bureau of meteorology and local government

**Courses:** ED50, HH01, HU20, HU22, IF70, IF36, IF43, IF70, IG81, IF82, IF83, IF84, IF86, IF30, SS13, SS60  
**Contact hours:** 3 per week **Credit Points:** 12  
**Incompatible with:** HUB688

► **HBB315 SEX AND DRUGS IN SOUTH-EAST ASIA**

This unit focuses on the social, cultural, economic and political impacts of the drug trade and the sex trade in Southeast Asia including both the historical dimensions of these phenomena as well as their contemporary aspects. The unit will examine the progress of the trades, the nature of the traders and the political and economic dimensions of these activities, both legal and illegal.

**Courses:** HH01, HU22, IF30, IF43, IF70, IF81, IF82, IF86, HH03  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB633

► **HBB320 INDEPENDENT PROJECT 1**

Designed to develop research and writing skills, the unit will enable students to engage in a small-scale research project.

**Courses:** HH01, HU20, HU22, SS60, HH03  
**Credit points:** 12  
**Incompatible with:** HUB954

► **HBB321 INDEPENDENT PROJECT 2**

Designed to develop research and writing skills, the unit will enable students to engage in a small-scale research project.

**Courses:** HH01, HU20, HU22, HH03, SS60  
**Credit points:** 12  
**Incompatible with:** HUB955

► **HBB328 RESEARCHING APPLIED ETHICS**

Examines the different methods which characterise contemporary research in Applied Ethics. The historical emergence of Applied Ethics, the key assumptions which underpin the various methodologies, and the current critical debates on method are key topics considered in this unit.

**Courses:** HH01, HU20, HU22, HU21, NS40, NS48  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB758

► **HBB330 INTERNSHIP PROGRAM**

Opportunity for students to be placed in an appropriate off-campus situation in work related to their studies. This unit may be taken over one semester or extended to cover two. Able to be taken either in semester 1, 2 or 3.

**Courses:** HH01  
**Credit points:** 24  
**Incompatible with:** HUB952

► **HBB400 HUMAN SERVICES RESEARCH THESIS 1-5**

This unit involves the design and initial development of the dissertation topic. This includes the literature review. HBB400 4-5 involve further research and completion of honours dissertation under the direction of a supervisor. Seminars provide a formal forum and opportunity for the discussion of research projects and problems associated with research and writing and enable staff and students to share the outcomes of their scholarly activities.

**Courses:** HH22, HS14  
**Contact hours:** 12 per component  
**Incompatible with:** HSP413

► **HBB402 RESEARCH COLLOQUIUM**

Provides a forum for the discussion of problems associated with research and writing. Allows students to share with each other the outcomes of their scholarly activities. Invited researchers will provide insights into the research process.

**Courses:** HH23, SS13  
**Contact hours:** 2 per week **Credit points:** 12  
**Incompatible with:** HUB124

► **HBB403 LITERATURE REVIEW**

A supervised program in the Honours student's chosen area of specialisation. An assessed critical paper on literature relevant to the Honours dissertation topic will be prepared.

**Courses:** HH21, HH23, HU21, SS13  
**Prerequisites:** HU20, HU22, SS60, SS07 or equivalent  
**Credit points:** 12  
**Incompatible with:** HUB901

► **HBB404 HONOURS DISSERTATION 1**

Supervised design and initial development of Honours dissertation leading to completion of a thesis outline, including synopses and projected

chapters, and a statement of objectives, methods and sources

**Courses:** HH21, HH23, HU21, SS13  
**Prerequisites:** HU20, HU22, SS60, SS13 or equivalent

**Credit points:** 12  
**Incompatible with:** HUB902

► **HBB405 HONOURS DISSERTATION 2 (1-2)**

Supervised research and writing of dissertation.

**Courses:** HH21, HH23, HU21, SS13  
**Prerequisites:** HU20, HU22, SS60, SS07 or equivalent, HUB901 and HUB902

**Credit points:** 36  
**Incompatible with:** HUB903

► **HBB410 LOGIC OF SOCIAL INQUIRY**

This unit assists students to address crucial questions of research design and methodology in the formulation and conduct of both qualitative and quantitative research projects. The students are guided through tasks such as identifying the purpose and contribution of their work, designs appropriate for theory construction and theory testing, hypothesis construction, issues and techniques pertaining to operationalising their concepts, and addressing issues of reliability and validity. These are then applied to specific methodologies such as case study, comparative research, experimental research and the analysis of qualitative and quantitative data. Attention is also given to the logic and contribution of conceptual work in the case of theoretical research projects.

**Courses:** HH31, HH21, HH23, HU21, SS13, PY09, PY20  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** PYB454

► **HHP003 AGED SERVICES - GRADUATE STUDIES**

This unit engages students in analysing national and international developments in the broad field of aged services through comparative study of policies, practices and processes. Students will examine issues affecting the well-being of older adults and their families; critically evaluate approaches to services provision for older people and to research in gerontology; and explore a range of impacts on service design and delivery.

**Courses:** HH30, HH31, HH32, HS13, HS15, HS16  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSP425

► **HHP004 CHILD AND FAMILY SERVICES - GRADUATE STUDIES**

In this unit students conduct a comparative analysis of Australian and international policies, practices and processes in services for children and families and identify the impact of socio-cultural, political and economic processes on the design and delivery of child and family services. Students will identify and critically evaluate the application of selected concepts underpinning service design and delivery (such as choice and participation), thoroughly investigate the evidence base for selected practices, and have the opportunity to explore concerns arising from practice contexts.

**Courses:** HH31, HSH15, HH32, HS16, HH30, HS13  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSP424

► **HHP006 DISABILITY SERVICES - GRADUATE STUDIES**

This unit offers you the opportunity to extensively analyse, evaluate and respond to developments in the disability area. Your ability to reflect on and make considered responses to current Australian developments will be enhanced as you engage in in-depth analysis and collaborative critique of national and international provisions made to address issues concerning people with disabilities. Exploring areas of interests will promote your skills of critical analysis and your ability to apply current research and debate within the disability arena.

**Courses:** HH32, HH32, HH30, HS15, HS13, HS16  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSP426

► **HHP007 YOUTH SERVICES - GRADUATE STUDIES**

This unit equips students to evaluate and respond to developments in services to young people through comparative analysis of changes and continuities in policies and practices. Students will discern key human service concepts and identify how these operate in selected service contexts in both national and international settings. Issues associated with evidence building for policy and service developments are addressed. Students will identify their own knowledge needs and explore concerns arising in contexts they know about in order to enhance skill development and transfer, in particular the informed application of research.

**Courses:** HH32, HH31, HH30, HS13, HS16, HS15  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSP427

► **HHP011 CRITICAL ISSUES IN THE HUMAN SERVICES**

Identifies critical contemporary issues impacting upon the human services industry in particular. The contemporary environment in which the human services exists is creating sets of tensions which have the potential to both seriously challenge and radically reorder and reconstruct service delivery and professional practice. The unit is designed to explore and develop comprehension of the issues, and their implications for the specific domains of service delivery of the proposed research projects and/or areas of interest of participants.

**Courses:** HH22, HH31, HS14, HS15  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSP411

► **HHP012 LEADERSHIP IN THE HUMAN SERVICES**

Explores conceptions of and skills in leadership to enable participants to provide effective leadership in human service contexts. It reflects an increasing awareness that leadership is of central importance in the development and management of governments and community organisations, and in energising and enabling community groups to identify and meet their needs. Underlying this unit is the notion that leadership, as currently conceptualised, is not simply the task of those in positions of responsibility but all involved in the development and delivery of services.

**Courses:** HH31, HH32, HS15, HS16  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSP412

► **HHP013 MANAGING HUMAN SERVICE ORGANISATIONS**

This unit will create an awareness of the issues and challenges faced by the human service manager and improve knowledge of the functions and techniques of management. As well as developing an understanding of the application of these management techniques to human services, it will recognise the influence between the quality of management and the quality of service provided to service users. It will build competency in becoming effective human service managers.

**Courses:** HH31, HH32, HS15, HS16  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSP421

► **HHP014 MANAGED CARE AND CASE MANAGEMENT**

Develops high level analysis and skills in the emerging context of managed care. Case management is becoming the dominant mode of service delivery in the community service industry. While the conceptual genesis of case management resides within human service bodies or practice knowledge, it is being applied across a range of service delivery systems. While some of the processes involved in case management are taught in human service education programs, there is little opportunity for employees and managers to comprehensively explore case management as a discreet mode of intervention.

**Courses:** HH31, HH32  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CC

## UNIT SYNOPSES

### ► HHP015 SKILLS FOR THE CONTRACT REGIME

Service delivery systems in the community services industry are in the process of being restructured. The primary dynamic carrying the process is the imperatives of understanding performance and accountability between purchasers (governments) and providers (non-state agencies). Contracts are an important part of these changes. To date, there is little experience in the industry of the management of a contract regime or its implications for service delivery outcomes. This unit is designed to convey key skills in managing contracts from both the purchaser and provider side of the equation.

**Courses:** HH31, HH32, HS15, HS16

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HSP423

### ► HHP020 HUMAN SERVICES PRACTICE RELATED RESEARCH 1-2

Students explore an issue from their practice or the field using research and scholarship.

**Courses:** HH32, HS16

**Credit points:** 48 (24 each)

**Incompatible with:** HSP020

### ► HLN405 QUALITATIVE RESEARCH

This unit addresses a range of qualitative methodologies and methods which represent alternative approaches to the application of the quantitative paradigm in Health Science research. The predominance of the natural sciences in nursing/health research has come into question in recent times and thus the unit introduces students to the origins of such challenges, to the knowledge bases of the alternative approaches to investigating the microsocio world of health/illness and to the relevant research methods. The unit comprises a series of lectures, seminar presentations and relevant readings.

**Courses:** HL88, HL50, HL52, HL55, NS85, NS64, PU65, PU69

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** KG, EXT **Semester:** 1, 2

### ► HLN700 THESIS

The thesis provides an opportunity to formally extend and synthesise knowledge gained in earlier semesters of the program. This study represents an independent and original piece of research completed with the guidance of a supervisor. The thesis provides an opportunity for coursework conducted in the area of specialisation to be applied in a practical manner reflecting your specific interest in health science. The thesis may be a report on research which makes a contribution to knowledge, or a study in which you critically analyse and appraise existing knowledge and produce observations and conclusions of value to the field concerned.

**Courses:** HL88, PU85

**Prerequisites:** Completion of course work

**Credit points:** 48

**Campus offered:** KG, EXT **Semester:** 1, 2, 3

### ► HLN701 INDEPENDENT STUDY

Independent Study allows students to study a topic which is not otherwise available as a formal unit. Students have the opportunity to pursue their studies relatively independently and to develop and practice skills in problem identification, evaluation and/or critical thinking. The study may be for example a critical literature review, an examination of guidelines or an evaluation. The process and outcomes are negotiated in a contract with a supervisor.

**Courses:** HL90

**Credit points:** 12

**Campus offered:** KG, EXT **Semester:** 1, 2

### ► HLN703 PROJECT A

An important aspect of postgraduate development is the opportunity for students to engage in research and/or project work in their specialist field of study in industry or as a component of consultancy work. Working in industry or within a health-related agency locally or internationally can provide students with valuable work experience and develop skills and expertise that advances their profession or the particular industry with whom they are involved. The research option in this unit enables students to undertake an independent and original piece of work completed with the guidance of a supervisor. The

research work may be a report on research that makes a contribution to knowledge, or a study in which the student critically analyses and appraises existing knowledge and produces observations and conclusions of value to the field concerned.

**Courses:** HL88

**Credit points:** 24

**Campus offered:** KG, EXT **Semester:** 1, 2

### ► HLN704 PROJECT B

An important aspect of postgraduate development is the opportunity for students to engage in research and/or project work in their specialist field of study in industry or as a component of consultancy work. Working in industry or within a health-related agency locally or internationally can provide students with valuable work experience and develop skills and expertise that advances their profession or the particular industry with whom they are involved. The research option in this unit enables students to undertake an independent and original piece of work completed with the guidance of a supervisor. The research work may be a report on research that makes a contribution to knowledge, or a study in which the student critically analyses and appraises existing knowledge and produces observations and conclusions of value to the field concerned.

**Courses:** HL88

**Prerequisites:** HLN703

**Credit points:** 24

**Campus offered:** KG, EXT **Semester:** 1, 2

### ► HLN705 INTRODUCTION TO QUANTITATIVE RESEARCH METHODS

The content of this unit emphasises the practical aspects of quantitative research methods design, with the aim of exposing students to important concepts in the design of research studies, and in the assessment of the research of others. There is a strong emphasis on applying concepts through critical reading of the literature and the development of a comprehensive research proposal as the main practical exercise.

**Courses:** HL68, HL88, PU60, PU85

**Contact hours:** 3 per week **Credit Points:** 12

**Incompatible with:** PUB316 or equivalent

**Campus offered:** KG, EXT **Semester:** 1

### ► HLN706 ADVANCED QUANTITATIVE RESEARCH METHODS

The content of this unit builds on the basic statistics background assumed of students. A unifying theme is the concept of sources of variation in collected data - how proper design of study and measurement instruments minimises some sources of variation (error), how analytical techniques account for other sources, and finally the issue of introduced error that cannot be accounted for, but must be addressed in discussion of results. Analytical strategies for modelling health data are compared, and practical experience focuses on the analysis and interpretation of various data sets.

**Courses:** HL68, HL88, PU60, PU85

**Prerequisites:** PUN105 or equivalent

**Contact hours:** 4 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 1

### ► HLN708 PROJECT

This 48 credit point project extends the range of applied investigative options for the Master of Health Science students to undertake. The project is designed to be a workplace-based units that enables students to undertake a concentrated applied project in a specific areas of interest in the workplace and to combine work and study requirements. It enables students to concentrate on a specific area of interest and to apply intellectual rigour to that area to complete a project of work at an advanced level.

**Courses:** HL88

**Credit points:** 48

**Campus offered:** KG, EXT **Semester:** 1, 2

### ► HLN750 THESIS

Part-time students enrol in this unit. It is conducted part-time over two semesters. Provides students with an opportunity to formally extend and synthesise knowledge gained in earlier semesters of the course. The study represents an independent and original piece of research completed under the guidance of a supervisor.

**Courses:** HL88, PU85

**Prerequisites:** Completion of course work

**Credit points:** 48

**Campus offered:** KG

**Semester:** 1, 2

### ► HLP101 ADVANCED DISCIPLINE READINGS

This unit is a compulsory component of the Faculty of Health Honours programs. It provides the opportunity for students to identify and review the literature relevant to their selected research topic. A one day seminar in advanced information retrieval skills is included in the unit.

**Courses:** HL50, HL52, HL55

**Corequisites:** HLP103

**Credit points:** 12

**Campus offered:** KG

### ► HLP102 RESEARCH SEMINARS

This unit is a compulsory component of the Faculty of Health Honours programs. Content includes the preparation and completion of a seminar presentation in a professional and scientific manner plus attendance at scheduled seminars.

**Courses:** HL50, HL52, HL55

**Prerequisites:** HLN706 or HLN405 (nursing students must complete both)

**Corequisites:** HLP101

**Credit points:** 12

**Campus offered:** KG

### ► HLP103 DISSERTATION

This is a compulsory unit in the Faculty of Health Honours programs. It is broken into a number of components that are completed over successive semesters (as appropriate for full-time or part-time course structure). The dissertation study represents an independent piece of research completed with the guidance of a supervisor. A written report in the form of a dissertation proposal must be submitted by the end of Week 6 in the semester in which enrolment in the dissertation commences.

**Courses:** HL50, HL52, HL55

**Corequisites:** All other units in the program

**Credit points:** 48

**Campus offered:** KG

### ► HLR710 RESEARCH PROJECT

The Doctor of Health Science prepares graduates to be leaders in their professions. The degree incorporates a large research component which may be a single large research project or a portfolio of approved related smaller projects. The research is designed to be strongly grounded in the students' professional practice in order to enhance and extend critical thinking, synthesis, application of theoretical frameworks and the development of new knowledge at an advanced level in a relevant field. The research can be interdisciplinary but should apply concepts and principles acquired and developed through the coursework component of the degree.

**Courses:** HL90

**Prerequisites:** Completion of course work component of Doctorate program

**Credit points:** 192

**Campus offered:** KG

**Semester:** 1, 2, 3

### ► HMB171 FITNESS HEALTH AND WELLNESS

The dimensions and interrelationships of health, physical activity and wellness are studied; basic principles of conditioning and exercise prescription necessary to demonstrate the impact of physical activity on lifestyle diseases, health behaviours and wellness are examined; principles and theory of behaviour change are employed.

**Courses:** ED43, ED50, ED51, ED52, HL 40, HL42, HL44, HM42, IF62, IF73

**Contact hours:** 3-4 per week **Credit points:** 12

**Campus offered:** CA **Semester:** 1, 2, 3

### ► HMB172 NUTRITION AND PHYSICAL ACTIVITY

An introduction to principles of nutrition in relation to the physical activity setting, the role of nutrition and physical activity in weight management. This unit also covers the essential elements of child growth and development (auxology) in relation to nutrition and health. The unit is designed to underpin studies in exercise physiology and sports nutrition.

**Courses:** HM42, IF73, IF62, HL44, IF62, HL40

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** CA

## UNIT SYNOPSES

### ► HMB271 FOUNDATIONS OF MOTOR CONTROL, LEARNING AND DEVELOPMENT

Introduces students to the behavioural and neural bases of movement control through an examination of the central nervous and neuromuscular systems, hierarchical control, human information processing and dynamical systems. Covers elements of sensory mechanisms related to movement. Foundations of motor learning and adaptation will be introduced, linking underlying mechanisms of learning with principles that may be applied in teaching, coaching and rehabilitation. Major changes in the capacity for movement over the life-span will be covered, including those in infancy, childhood, adulthood and senescence.

**Courses:** ED50, ED51, HL40, HL42, HL44, HM42, IF46, IF73

**Prerequisites:** LSB131, LSB231

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 1

### ► HMB272 BIOMECHANICS

The application of mechanics as they apply to Human Movement including: kinematics and dynamics of human body models; quantitative analysis; impact; work and power; fluid dynamics; material properties.

**Courses:** HL40, HL42, HL44, HM42, IF62, IF73, PU40

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 2, 3

### ► HMB273 BIOENERGETICS AND MUSCLE PHYSIOLOGY IN EXERCISE

Together with its companion (HMB381), this unit focuses on central theory and practice in exercise physiology. It is integrated around the theme of energy supply and utilisation and deals with the relationship between metabolism (aerobic and anaerobic) and muscle power during exercise. The theory is addressed within the contexts of age, health, disease and athletic performance. Practice complements theory and involves the measurement of mechanical work and power, muscle strength and endurance, energy expenditure during exercise, as well as aerobic and anaerobic capacities.

**Courses:** ED50, HL40, HL42, HL44, HM42, IF46, IF62, IF73

**Prerequisites:** LSB231 or equivalent

**Contact hours:** 3-4 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 1

### ► HMB274 FUNCTIONAL ANATOMY

Surface anatomy of the trunk and upper and lower limb; morphological and mechanical properties of bone, muscle-tendon units with implications for physical activity; joint structure and function; analyses of movement tasks including walking and running; cinematography and electromyography in functional anatomy of movement tasks.

**Courses:** ED50, ED51, HL40, HL42, HL44, HM42, IF62, IF73

**Prerequisites:** LSB131

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 1

### ► HMB275 EXERCISE AND SPORT PSYCHOLOGY

Introduction to the psychological factors which influence performance, participation and adherence to both sport and exercise programs; personality and the athlete; attention and arousal; relaxation theory and practice; aggression and psycho-social development, leadership and team cohesion.

**Courses:** ED50, HL40, HL42, HL44, HM42, IF62, IF73

**Prerequisites:** PYB012 or equivalent

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 2

### ► HMB276 RESEARCH IN HUMAN MOVEMENT

Principles of research: purposes, philosophy, applications. Quantitative research: principles of test construction and administration; basic statistics; basic research design hypothesis testing. Qualitative research: methodology; data collection; theory building. Research presentation: writing a research report; developing conclu-

sions. Application of research; examples in human movement; related literature. Computer data analysis and information retrieval.

**Courses:** ED50, HL40, HL42, HL44, HM42, IF62, IF73

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 2

### ► HMB277 EXERCISE AND SPORT NUTRITION

Considers the relationship between nutrition and exercise and physical activity. Areas covered include dietary and energy requirements in exercise and sport and substrate utilisation at the cellular level during exercise. The influence that nutrition has on performance via changes in body composition, fuel utilisation, blood biochemistry and ergogenic aids will also be covered. Nutritional supplements and water and electrolyte balance in exercise and sport is also part of this unit.

**Courses:** HL42, HM42, IF46, IF73, PU43

**Prerequisites:** HMB172

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 1

### ► HMB305 PERSONAL HEALTH

An examination of the range of factors influencing personal health including lifestyle and a range of social, economic and environmental factors. A holistic perspective on personal health.

**Courses:** ED50, ED51

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 1

### ► HMB307 HEALTH AND PHYSICAL EDUCATION CURRICULUM (PRIMARY)

The unit provides teachers for the years 1-10 Health and Physical Key Learning Area, with appropriate learning experiences based on current philosophy and knowledge focused to assist children in meeting development needs. Health and Physical Education (HPE) can add significantly to this development by providing physical, emotional, social and intellectual support. It is necessary for Primary teachers to understand the syllabus and the implications it contains to enable them to develop modern units and lesson plans.

**Courses:** ED26, ED51, ED56, IF84

**Contact hours:** 4 per week

**Credit points:** 12

**Campus offered:** CA **Semester:** 1

### ► HMB310 PHYSICAL EDUCATION CURRICULUM STUDIES 1

The nature of physical education as an applied curriculum area. Insights into relevant Queensland syllabus and curriculum documents are provided; competencies in planning and teaching are developed and close links are made with teaching practice.

**Courses:** ED50, ED54, IF73

**Prerequisites:** EDB323 and at least 48 credit points in the relevant discipline area

**Contact hours:** 5 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 2

### ► HMB313 SOCIO-CULTURAL FOUNDATIONS OF PHYSICAL ACTIVITY

Lays a foundation in the disciplines of the socio-cultural areas which underpin the study of human movement. It serves as an introduction to the historical, sociological, philosophical, anthropological and cultural foundations of sports, games and leisure activities.

**Courses:** ED50, ED51, HL42, HL44, HM42, IF46, IF62, IF73

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 1

### ► HMB314 PERFORMANCE SKILLS 1

Involves the application of movement principles to the analysis and development of techniques in all major swimming strokes, water rescue methods, and track and field events. Students explore teaching strategies, motivational, conditioning and training activities, the development of learning experiences for various ability levels and event rules application.

**Courses:** ED50, ED51, ED52, IF73

**Contact hours:** 6 per week **Credit points:** 12

**Incompatible with:** PRB344, PRB345, PRB346  
**Campus offered:** CA **Semester:** 1, 2

### ► HMB315 PERFORMANCE SKILLS 2

Various game forms are analysed in order to identify fundamental game skills and problem areas in skill development. Emphasis is placed on the application of relevant movement knowledge and skills to suit game situations and on learning appropriate strategies for teaching and coaching selected games.

**Courses:** ED50, ED51, ED52, IF73

**Contact hours:** 6 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 1, 2

### ► HMB316 PERFORMANCE SKILLS 3

Basic movement principles fundamental to the performance and teaching of gymnastics and dance will be explored; physical fitness and basic biomechanical principles in gymnastics; routines incorporating a variety of gymnastic and dance skills on floor/apparatus; safe and unsafe practices will be addressed.

**Courses:** ED50, ED52, IF73

**Contact hours:** 6 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 1, 2

### ► HMB332 HEALTH RELATED FITNESS

Provides a forum for a review of selected classic and recent literature representing the growing body of evidence and the arguments supporting the relationships between physical activity and chronic disease and the relationships between physical activity, fitness and optimal health. Special attention is given to the question of How much is enough? to achieve health enhancement. Application of this knowledge is made within the school, community and personal lifestyle contexts.

**Courses:** ED50, ED51, IF73

**Prerequisites:** HMB171 or PUB327

**Contact hours:** 3-4 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 1

### ► HMB333 CHILD AND ADOLESCENT HEALTH

Child and adolescent health and the wide range of factors that impact on the health of individuals in these two crucial stages of life. An analysis is made of skills required for health-enhancing behaviours and experience provided in some of the skills needed to assess and maintain the health status of children.

**Courses:** ED50, ED51, ED52, IF73

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 2

### ► HMB337 ORGANISATION AND MANAGEMENT IN PHYSICAL EDUCATION AND SPORT

School physical education departments and sporting associations are medium-sized organisations requiring direction for servicing a large client base. Students examine the role of administrators and the administration of monies, facilities and human resources in a school physical education and sports setting.

**Courses:** ED50, IF73

**Prerequisites:** HMB314, HMB315 or consent of Unit Coordinator

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 1

### ► HMB341 SPORTING AND OUTDOOR EDUCATION ADMINISTRATION

The primary school physical educator and class teacher is responsible for the organisation of educational programs both at school and in other education and sporting settings. This unit assists students in understanding and organising a variety of sporting tournaments, carnivals and outdoor education.

**Courses:** ED51

**Prerequisites:** HMB307, HMB315 or consent of Unit Coordinator

**Contact hours:** 5 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 2

### ► HMB342 THE DEVELOPMENT OF TEACHING SKILLS IN PRIMARY PHYSICAL EDUCATION

Designed around micro-teaching and involving student teachers, children and their working environment in schools, this unit promotes excellence in teaching, preparation and planning with

## UNIT SYNOPSES

an emphasis on active learning and research. Physical education teacher education students develop a greater understanding of their prospective working environment.

**Courses:** ED50, ED51, IF73

**Prerequisites:** HMB310, HMB370 or consent of Unit Coordinator

**Contact hours:** 4 per week   **Credit points:** 12  
**Campus offered:** CA                   **Semester:** 2

### ► HMB361 FUNCTIONAL ANATOMY 2

A project-based unit designed to enable students with a background in Functional Anatomy to develop greater expertise in one or a combination of the following areas: electromyography, orthopaedic biomechanics, kinesiology of sport and work, comparative functional anatomy, locomotion and posture and research techniques in functional anatomy.

**Courses:** HM42, IF73   **Prerequisites:** HMB274

**Contact hours:** 4 per week   **Credit points:** 12  
**Campus offered:** CA                   **Semester:** 2

### ► HMB362 BIOMECHANICS 2

Measurement techniques within biomechanics; analysis of force systems; photographic, goniometric and electrographic analysis of movement; an introduction to viscoelasticity and biological materials; material properties; mass and inertial characteristics of the human body; applied aspects of biomechanics undertaken from a research project perspective

**Courses:** HM42, ME46, IF46, IF73

**Prerequisites:** HMB272, HMB274

**Contact hours:** 4 per week   **Credit points:** 12  
**Campus offered:** CA                   **Semester:** 1

### ► HMB363 INDEPENDENT STUDY

To meet the specific interest of students beyond content offered within existing units; conceptualise, plan and execute a research study including survey of literature, development of an action plan, reflection on a practice or situation, and proposal for future action. The student works at an advanced level and autonomously under the supervision of a lecturer.

**Courses:** ED50, HM42, IF46, IF73

**Prerequisites:** Consent of Course Coordinator

**Contact hours:** 4 per week   **Credit points:** 12  
**Campus offered:** CA                   **Semester:** 1, 2

### ► HMB364 SEMINARS IN HUMAN MOVEMENT

Offered to capitalise on the expertise of resident or visiting staff, special needs and interests of students, and to create flexibility in unit offerings. These may include special expertise, high quality limited period research projects, seminars, conferences and new initiatives by staff and students. An interest group will study the area chosen cooperatively.

**Courses:** ED50, ED51, HM42, IF46, IF73

**Prerequisites:** Consent of Course Coordinator

**Contact hours:** 4 per week   **Credit points:** 12  
**Campus offered:** CA                   **Semester:** 1, 2

### ► HMB370 PHYSICAL EDUCATION CURRICULUM STUDIES 2

The focus of this unit is divided between issues and directions of current trends in curriculum development and advanced strategies used to achieve variety in the implementation of indoor and outdoor lessons.

**Courses:** ED50, ED54, IF73

**Prerequisites:** HMB310

**Contact hours:** 5 per week   **Credit points:** 12  
**Campus offered:** CA                   **Semester:** 1

### ► HMB371 MOTOR CONTROL AND LEARNING 2

This is an advanced unit which provides an in-depth view of theories and concepts in motor learning and control - how we control actions in both everyday and skilled behaviours, and how this capability is acquired. This course provides a multidisciplinary perspective, drawing on research from psychology, neuroscience, biomechanics, robotics, neural networks and medicine. Included in the unit will be the effects on the capacity for movement of changes in the nervous system (resulting from development, aging, disease or injury). The unit is organised around the theme of sensorimotor integration. To explore this theme a small number of specific actions

will be examined, such as posture and balance, locomotion, reaching and grasping, throwing and catching.

**Courses:** ED50, HM42, IF46

**Prerequisites:** HMB271

**Contact hours:** 4 per week   **Credit points:** 12  
**Campus offered:** CA                   **Semester:** 2

### ► HMB374 PSYCHOLOGY OF REHABILITATION

Factors that predispose to injury and behavioural change; the psychological process of rehabilitation; teaching specific psychological rehabilitation and coping strategies; the grief process; the rehabilitation psychologists role in the rehabilitation team; disabled athletes.

**Courses:** ED50, HM42, IF46, IF73

**Prerequisites:** HMB275, HMB372

**Contact hours:** 4 per week   **Credit points:** 12  
**Campus offered:** CA                   **Semester:** 1

### ► HMB375 ADAPTED PHYSICAL ACTIVITY

Adapt physical activity for a variety of physical, sensory and intellectually disabling conditions and chronic diseases; design and implement programs suitable for these people to improve levels of motor skills and general health and wellness; participate in, and design programs for disabled athletes.

**Courses:** ED50, ED51, ED52, HM42, IF46, IF73

**Prerequisites:** HMB271

**Contact hours:** 4 per week   **Credit points:** 12  
**Campus offered:** CA                   **Semester:** 2

### ► HMB376 MOTOR DEVELOPMENT IN CHILDREN

Theoretical perspective of normal and abnormal motor development, incorporating maturational, descriptive and behavioural aspects; underlying sensory, perceptual, neurological and cognitive changes which influence motor development in children. A theoretical understanding of developmental differences and development delay in children with intellectual, sensory or physical disability. Experience will be obtained in developmental and adapted physical activity programs.

**Courses:** ED50, ED51, ED52, HM42, IF46, IF73

**Prerequisites:** HMB271 or at lecturer's discretion

**Contact hours:** 4 per week   **Credit points:** 12  
**Campus offered:** CA                   **Semester:** 1

### ► HMB377 CHILDREN IN SPORT

Physical development of the young athlete; physical maturation; benefits of participation in sport and physical activity; psycho-social issues: positive and negative effects of participation including competitive stress; injuries to the growing skeleton; overtraining, overuse injuries; strength training in childhood and adolescence; promotion of safety in sport; accreditation of teachers and coaches, policy guidelines for junior sport, Aussie sport program.

**Courses:** ED50, HM42, IF46, IF73

**Contact hours:** 4 per week   **Credit points:** 12  
**Campus offered:** CA                   **Semester:** 1

### ► HMB379 DISORDERS OF HUMAN MOVEMENT

This unit introduces a selection of disorders and disease states that limit or alter the capacity for movement and physical activity. Each will be described in terms of relevant epidemiology and pathophysiology, with an emphasis on understanding the relationship between each disorder on one hand, and movement or activity on the other, together with factors that affect this relationship. The purpose of the unit is to provide students with a basic knowledge of a selection of movement-related disorders, and to provide a foundation for subsequent applications, whether in working with special populations, in rehabilitation, or other clinical settings. The unit is also intended to give students the skills necessary to read about and understand the relationship between movement and other diseases and disorders not specifically covered. The disorders introduced are not intended to be exhaustive, but represent conditions that effect significant numbers of individuals, account for much movement

and activity-related morbidity and/or mortality, and represent the various physiological systems underlying movement (ie cardiorespiratory, metabolic, musculoskeletal, neuromuscular and central nervous system).

**Courses:** ED50, ED51, HL40, HM42, IF46, IF62, IF73, HL42, HL44

**Prerequisites:** HMB271, HMB272, HMB273, HMB274

**Contact hours:** 4 per week   **Credit points:** 12  
**Campus offered:** CA                   **Semester:** 1

### ► HMB381 CARDIOVASCULAR AND PULMONARY PHYSIOLOGY IN EXERCISE

A companion unit to HMB273, and continues the theme of energy supply and utilisation during exercise around which aspects of cardiovascular and pulmonary physiology are integrated. These aspects include the control and distribution of blood flow through the macro- and microvasculature, the heart and haemodynamics, the control and function of the pulmonary system, and concludes with an integration of the physiology covered in the unit and HMB273 within the context of exercise in the heat. The theory is also addressed with the contexts of age, health, disease and athletic performance. Practice complements theory and includes the measurement of heart rate, blood pressure and lung function, as well as exercise capacities such as the 'anaerobic threshold' and maximal oxygen consumption.

**Courses:** ED50, HM42, IF46

**Prerequisites:** HMB273

**Contact hours:** 3-4 per week   **Credit points:** 12  
**Campus offered:** CA                   **Semester:** 2

### ► HMB382 PRINCIPLES OF EXERCISE PRESCRIPTION

Students examine the physiological principles and methods used in training and conditioning programs at all levels of physical activity. The integration of fitness assessment and exercise prescription is a major component of the unit, introducing the student to these requirements in the context of aerobic conditioning, resistance training, weight loss and flexibility. There is a strong emphasis on putting theory into practice, including the development and utilisation of appropriate practical skills in both fitness assessment and exercise prescription.

**Courses:** HM42, IF73, IF46, IF62, HL44, HL42, HL40

**Prerequisites:** HMB273

**Contact hours:** 4 per week   **Credit points:** 12  
**Campus offered:** CA                   **Semester:** 2

### ► HMB383 WORKPLACE HEALTH

The historical and current position of workplace health as one emerging focus of occupational health and safety. Issues, laws, policies, programs and union, employer and employee perspective are analysed in conjunction with the role of workplace health professionals. The planning, development, promotion, implementation, administration and evaluation of programs from a fitness counsellors perspective.

**Courses:** ED50, HM42, IF46, IF73

**Prerequisites:** HMB171 or HMB332

**Contact hours:** 4 per week   **Credit points:** 12  
**Campus offered:** CA                   **Semester:** 2

### ► HMB384 INJURY PREVENTION AND REHABILITATION

Epidemiology and nature of common injuries that occur at home, school, work and during sporting activities. Current philosophies of preventative measures and strategies for the treatment and rehabilitation of injuries. The role of health training, exercise and fitness in injury prevention, treatment and rehabilitation regimes. The pathology of injuries and repair processes highlighted by examining specific examples.

**Courses:** ED50, HM42, IF46, IF73

**Prerequisites:** HMB379

**Contact hours:** 3 per week   **Credit points:** 12  
**Campus offered:** CA                   **Semester:** 2

### ► HMB390 HEALTH EDUCATION CURRICULUM STUDIES 1

The nature of health education as an applied curriculum area. Insights into relevant Queensland syllabus and curriculum documents are provided; competencies in planning and teaching are de-



## UNIT SYNOPSES

veloped and close links are made with teaching practice.

**Courses:** ED50, ED54, IF73

**Prerequisites:** EDB323 and at least 48 credit points in the relevant discipline area

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** CA **Semester:** 2

### ► HMB395 HEALTH EDUCATION CURRICULUM STUDIES 2

The focus in this unit is divided between issues and directions associated with current trends in curriculum development and advanced teaching strategies used to achieve a variety of health education outcomes. An enquiry based approach incorporating a social view of health will be emphasised in relation to current syllabuses in Health Education.

**Courses:** ED50, ED54, IF73

**Prerequisites:** HMB390

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** CA **Semester:** 1

### ► HMB470 PRACTICUM 1

The BAppSc (HMS) course is designed to prepare Human Movement professionals for work in a wide range of areas in the field of physical activity. In order to become competent practitioners, students need opportunities to apply classroom learned knowledge and skills via supervised practice in real world settings. Such practice should develop students confidence, attitudes, values and understanding of professional issues while providing opportunities to interact with Human Movement practitioners. As this unit is the first formal one of the practicum program, the first and second year program being part of core units, it involves students in a number of placements to enable them to compare professional strands and evaluate the fit of personal skills in different worksites. It is designed to prepare students for their final 9 weeks full time in the workforce the following year.

**Courses:** HL40, HL42, HL44, HM42

**Prerequisites:** Successful completion of Years 1 and 2 of the HM42 academic program, PLUS successful completion of Years 1 and 2 HM42 practicum requirements, OR by agreement with the Course Coordinator

**Credit points:** 12

**Campus offered:** CA **Semester:** 1, 2

### ► HMB471 PROJECT 1

Students in the Bachelor of Applied Science are required to undertake a project in Year 4. Students work in small groups on original topics. Work includes: a literature review and the presentation of experimental hypotheses, research methodology and analysis procedures. Groups present a formal colloquium.

**Courses:** HL42, HL44, HM42

**Prerequisites:** 4th year status **Credit points:** 12

**Campus offered:** CA **Semester:** 1, 2

### ► HMB472 PROJECT 2

The implementation of the plan, the analysis of results and publication of a report. Groups present a formal colloquium.

**Courses:** HL42, HL44, HM42

**Prerequisites:** HMB471 **Credit points:** 12

**Campus offered:** CA **Semester:** 1, 2

### ► HMB475 PRACTICUM 2

A comprehensive vocational experience undertaken as a supervised full-time internship. Student are supervised in the performance of operational tasks including management and administration and further develop independent professional skills and knowledge. The internship is followed by a comprehensive reflective analysis of the experience.

**Courses:** HL42, HM42

**Prerequisites:** Satisfactory completion of years 1-3 practicum requirements and seven semesters of coursework

**Credit points:** 36

**Campus offered:** CA **Semester:** 1, 2

### ► HMB480 ADVANCED EXERCISE PRESCRIPTION

A companion unit to HMB382, and extends the understanding of how fitness assessment and exercise prescription can be applied to an individual. A number of different disease states, spe-

cial populations and scenarios are used to examine the potential role of physical activity and appropriately prescribed exercise to maintain and improve functional capacity. A strong emphasis is placed on identifying the problems faced in fitness assessment and exercise prescription for special cases and conditions, and finding appropriate solutions.

**Courses:** HM42, HL38, HL68, HL88, IF46

**Prerequisites:** HMB382

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** CA **Semester:** 1

### ► HMB615 EXERCISE PHYSIOLOGY

Bioenergetics; exercise metabolism; hormonal response to exercise; muscle structure and function; circulatory adaptations, respiration and acid-base balance during exercise; temperature regulation, training and conditioning; body composition and nutrition; fitness testing and assessment procedures.

**Courses:** ME46

**Contact hours:** 3 per week **Credit points:** 8

**Campus offered:** CA **Semester:** 1

### ► HMB617 WORKPLACE HEALTH

History of workplace health; legal aspects; role of associated professionals; trends in mortality and morbidity; workplace health promotion agencies and programs; planning, development, promotion, implementation and evaluation process.

**Courses:** ME46

**Contact hours:** 3 per week **Credit points:** 8

**Campus offered:** CA **Semester:** 2

### ► HMN201 DEVELOPING TEACHING AND LEARNING INITIATIVES FOR THE HEALTH AND PHYSICAL EDUCATION KEY LEARNING AREA

Critically analyse outcomes based education and the relationship of the Years 1-10 HPE syllabus to the context of broader agendas of 1-10 school education in Australia; apply key concepts of the Years 1-10 HPE syllabus to whole of school curriculum development, planning and implementation; (re)design programs for successful student achievement and evaluation of the achievement of the outcomes of the Years 1-10 HPE syllabus; and identify relationships between the Years 1-10 HPE syllabus, Senior PE and HE syllabuses.

**Courses:** ED13, HL88 **Credit points:** 12

**Campus offered:** CA **Semester:** 1

### ► HMN202 DEVELOPING AND ASSESSING HIGHER ORDER THINKING SKILLS IN SCHOOL PHYSICAL EDUCATION

Examine contemporary theories of teaching and learning and knowledge frameworks for school PE; evaluate current models of teaching and learning and existing personal practices in PE in the context of learning theories and knowledge frameworks; and create new and alternative approaches to teaching and learning for the development and assessment of higher order thinking skills in school PE.

**Courses:** ED13, HL88 **Credit points:** 12

**Campus offered:** CA **Semester:** 1

### ► HMN203 APPLICATION OF THE SCIENCES TO TEACHING AND LEARNING IN PHYSICAL EDUCATION AND SPORT

Identify the key knowledge from the biophysical and socio-cultural sciences that pertain to the improvement of performance in physical activities and sports; analyse the relationship between the sciences and improvement of performance in selected physical activities and sports; design teaching and learning or coaching programs that promote understanding of the relationship between the sciences and performance in physical activity and sport; and use selected software and technology to enhance the teaching and learning or coaching programs that promote understanding of the relationship between the sciences and performance in physical activity and sport.

**Courses:** ED13, HL88 **Credit points:** 12

**Campus offered:** CA **Semester:** 2

### ► HMN205 HEALTH EDUCATION CURRICULUM ACCROSS THE SCHOOL YEARS

Understand how current issues and emerging trends can shape the principles and practices of health education in schools; develop higher order mastery of the principles of curriculum design, implementation and evaluation for health education; reconstruct teaching and learning programs and assessment practices promote higher order thinking by students of health education; and critically reflect on the impact of this unit on personal practice in the classroom and on the broader role of teaching.

**Courses:** ED13, HL88 **Credit points:** 12

**Campus offered:** CA **Semester:** 2

### ► HMN206 DESIGNING PHYSICAL ACTIVITY EXPERIENCES FOR SPECIAL POPULATIONS

Identify key issues, educational policies and legal obligations considered in designing physical activity programs for specific populations; understand how physical education syllabi can incorporate adapted programs and practices; critically evaluate and review existing programs designed for specific populations; design physical activity experiences that are sensitive toward and encouraging of participation among individuals with specific needs; and demonstrate teaching and developmental support strategies which are responsive to the learning needs of students within an inclusive physical education curriculum.

**Courses:** ED13, HL88 **Credit points:** 12

**Campus offered:** CA **Semester:** 2

### ► HMN601 EXERCISE AND HEALTH ACROSS THE LIFESPAN

Physical activity is almost universally accepted as being relevant to health, although the pattern of activity (nature, intensity, frequency and duration of individual exercise bouts, cumulative years of participation) required to induce maximum health benefits remains uncertain. Exercise throughout the lifespan and the implications for good health.

**Courses:** HL88, HL68, HL38

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** CA **Semester:** 1

### ► HMP380 SPORT ACCROSS THE LIFESPAN

This unit is a multidisciplinary overview of contemporary issues in sport. Using a life-span framework the unit will examine topics in children's through to Master's sport, including the scientific and ethical issues involved in talent identification for specific sports in children, factors affecting participation, and the special needs of older athletes. Students will be assigned extensive reading and will be expected to contribute fully to discussions of each topic.

**Courses:** HM38

**Contact hours:** 4 per week **Credit Points:** 12

**Campus offered:** CA **Semester:** 2

### ► HMP383 SPORT STUDIES PROJECT

The project provides students with an opportunity to conduct a study, or to apply a coaching technique, administrative procedure, assessment method or other innovative practice in a sports setting. The project topic should build on knowledge and skills acquired in other units. It will be chosen and approved after discussion with an academic supervisor, and with the agreement of any participating organisation. Students will prepare a report on the project and its outcomes.

**Courses:** HM38 **Credit points:** 12

**Campus offered:** CA **Semester:** 2

### ► HMP385 SPORT PRACTICUM

Students will undertake a practicum placement in an approved sports setting. The tasks undertaken as well as the practicum site will be determined by agreement between the student, the academic supervisor, and the practicum site supervisor. Placements will be chosen so as to extend and broaden the professional experience students may already have had in sport, thus placements may be in a sport or activity other than the student's principal area. Students will meet regularly with supervisors, maintain a diary and prepare

reports on and evaluations of the activities undertaken during the placement.

**Courses:** HM38 **Credit points:** 12  
**Campus offered:** CA **Semester:** 1

► **HMP389 ASSESSMENT IN SPORT**

This unit will acquaint students with contemporary methods used in sports assessment, focusing on physiological and biomechanical measures. Students will acquire practical skills in assessment methods through laboratory classes. In addition, lectures will provide an overview of the theoretical basis of different tests, as well as knowledge concerning the rationale for each assessment, its application and interpretation. Consideration will be given to issues such as the suitability of assessment methods for various sports and populations, and the use made of test data for decision-making.

**Courses:** HM38 **Credit points:** 12  
**Campus offered:** CA **Semester:** 1

► **IBB101 BUSINESS IN AUSTRALIA**

This unit will introduce international students and students new to Australia to the business environment of Australia. Students will examine historical, socio-cultural, geographical, economic, political and other factors and contemporary issues that impinge upon doing business in Australia. Learning activities include computer simulations, field studies and industry analysis. Generic skills addressed include teamwork, report writing and presentation skills.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF48, IF60, IF61, IF62

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB101

**Campus offered:** GP **Semester:** 1, 2, 3

► **IBB202 BUSINESS AND THE WORLD ECONOMY**

Firms operating across borders are exposed directly to the discontinuities between international and national financial and regulatory systems. In this unit students analyse the way international operations and performance of business can be put at risk by changing financial and regulatory conditions and determine how best to manage the exposure to this risk. This unit examines the evolution of the international financial system, the foreign exchange market, the types of foreign exchange rate exposures, managing exchange, translation and consolidation risks, assessing foreign direct investment targets, comparing the performance of foreign affiliates, operations exposure to regulatory risk of tax, investment and competition policy changes, country risk assessment and managing country risk exposure.

**Courses:** BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF48, IF56, IF61, IF62, IF72

**Prerequisites:** BSB113 and BSB119  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB202

**Campus offered:** GP **Semester:** 1, 2

► **IBB205 CROSS-CULTURAL COMMUNICATION AND NEGOTIATION**

This unit analyses the complexities of the interaction when modern organisations enter cultures different to that of their home base. The unit explores and analyses the interdependence among cultures, management philosophies, corporate strategies and business negotiations. It is designed to develop skills in negotiating in the international environment. The unit will assess the relationships among values and managerial and corporate negotiation and communications behaviour in diverse environments.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF48, IF60, IF61, IF62

**Prerequisites:** BSB119 and BSB122; or 48 credit points of approved prior study for non-Bachelor of Business students only

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB205

**Campus offered:** GP **Semester:** 2

► **IBB208 EUROPEAN BUSINESS DEVELOPMENT**

This unit focuses on the major factors involved in the development of European business practices, organisational structures and government/business relations. Topics covered will

include: demographic change; agriculture; trade and colonisation; transport and communications; financial institutions and capital accumulation; intellectual and religious movements; economic theories; the role of government; war and revolution; industrialisation; big business; the Great Depression; social change. Various countries will be used as case studies to illustrate the topics.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF48, IF60, IF61, IF62

**Prerequisites:** BSB119  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB208

**Campus offered:** GP **Semester:** 1

► **IBB210 EXPORT MANAGEMENT**

This unit presents students with information critical for the successful planning, organisation, implementation and control of export operations. The unit is highly applied and covers practical aspects of the production, dispatch and distribution of products for international markets. Specifically the unit addresses legal, documentary, physical and financial challenges to the delivery of goods and services, and to the assured receipt of payment in return for that delivery. The processes of planning, market analysis, information gathering, cooperative arrangements with government and other firms are considered. Developments in technological applications and business practices are illustrated.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF48, IF60, IF61, IF62

**Prerequisites:** BSB119  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB210

**Campus offered:** GP **Semester:** 1

► **IBB211 GLOBALISATION AND BUSINESS**

This unit examines the forces of globalisation, the debates about the process and the practical implications of globalisation for business firms and business practice. The unit builds upon the Faculty core unit to explore how country environments differ, the impact these differences have on how business is conducted and the theories of why and how firms choose to do business in foreign locations. The unit will provide an understanding of the differences in the political economy of countries, the architecture and governance of the international economy and the operational challenges of doing business in different cultures.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF48, IF60, IF61, IF62

**Prerequisites:** BSB119  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB211

**Campus offered:** GP **Semester:** 1, 2

► **IBB213 INTERNATIONAL MARKETING**

The aim of this unit is to provide students with a thorough understanding of the multiplicity of issues which impact on the development of international marketing strategies and plans and their operational implementation. The unit is highly applied and provides students with an opportunity to analyse global international firms, their marketing strategies and various international marketing issues in a variety of geographic and industry contexts; to evaluate methodologies and new practices for handling problems and issues typical of global and international markets and competition; to develop an operationally sound international marketing plan. Explicit attention is focussed on key issues such as global brand management versus international brand management; the exploitation of market potential and growth; learning from lead markets; the unique characteristics of the different types of markets such as mature and emerging markets; and, how to pressure international competitors.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF40, IF41, IF47, IF48, IF60, IF61, IF62

**Prerequisites:** BSB119  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB213

**Campus offered:** GP **Semester:** 2

► **IBB217 ASIAN BUSINESS DEVELOPMENT**

This unit gives students an understanding of the historical foundations of the development of business in East and South East Asia. Material presented will include the traditional economic and social institutions in Asia and their changing impact on business since East Asia's integration into the international economy. Topics studied will include: the evolution of local firms and firm structures; the impact of western business and economic influences; local ideology and development policies; the rapid growth of Northeast Asia, the Asian NICs and ASEAN. The changing impact of the international economy upon business development within selected East Asian economies is a unifying theme of this unit.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF48, IF60, IF61, IF62

**Prerequisites:** BSB119  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB200

**Campus offered:** GP **Semester:** 1

► **IBB223 EMERGING TECHNOLOGIES AND INTERNATIONAL BUSINESS**

Globalisation and technology innovation are accelerating at a pace that will make them even more important in the new century. International business environment and business activities themselves are reshaped by new emerging technologies. This unit is designed to give students an understanding of how emerging technologies drive globalisation and how emerging technology becomes an asset for enterprises' global operations. Topics covered include the process of innovation, changes to the production paradigm, technology transfer and the management of emerging technologies.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF48, IF60, IF61, IF62

**Prerequisites:** BSB113  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB223

**Campus offered:** GP **Semester:** 1

► **IBB231 BUSINESS IN COUNTRY X STUDY TOUR**

This unit is available for staff and visiting scholars to offer a specialised program of study. Students undertake a practical investigation of the issues pertaining to doing business in The People's Republic of China (PRC). The unit involves a two-week stay at a university in PRC including a range of industry visits as well as presentations by Australian managers working in China. The unit is designed to build strong links between theoretical learning and practical application of their business studies. In addition students will be required to participate in activities both before and after the excursion to develop and present research projects relevant to their own program of study and discipline area.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** BSB116, BSB119  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **IBB300 INTERNATIONAL BUSINESS STRATEGY**

This unit aims to develop student competencies in the analysis of issues and problems encountered by international firms in the formulation and implementation of business strategies. The unit emphasises the connection between core competencies, strategy and corporate performance and will use case studies to analyse the strategic behaviour of successful global companies. Issues examined include: the forms of international involvement and entry mode strategies; organisational structures, control and cultural diversity; multinational versus global competitive strategies; using international business to build competitively valuable competencies and capabilities; the formulation and implementation of strategies of international cooperation and strategic alliances; small and medium enterprise (SME) strategies to compete in global markets.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF48, IF60, IF61, IF62

## UNIT SYNOPSES

**Prerequisites:** IBB211 or 96 credit points of approved study

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** BSB300, MGB330

**Campus offered:** GP **Semester:** 1, 2

### ► IBB303 INTERNATIONAL LOGISTICS

This unit examines international logistics through the concepts of international distribution channels and international supply chain management. Strategy in managing international logistical constraints is emphasised with practical studies of contemporary international supply chain management in international industries. Traditional costs and financial aspects of supply chain management are considered. Contemporary issues are incorporated including: the impact of ebusiness on international logistics; the evolution of new technologies for 'smart' packaging, warehousing and international stock control; the combination of international services with goods products; recent technological developments in international transportation and product quality control.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF48, IF60, IF61, IF62

**Prerequisites:** IBB210

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB303

**Campus offered:** GP **Semester:** 2

### ► IBB304 GLOBAL INDUSTRY ANALYSIS

The aim of this unit is to analyse the nature and structure of industry in national and international contexts to provide a suitable framework that can be used by students in the study of specific industries. Topics examined include: inter-industry dependencies; international location advantages; regional and interregional linkages; demand analysis; international transactions in information, goods, services and other products; analysing strategies to control markets through price and product positioning, and applying these principles to specific Australian industries conducting international business.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF48, IF60, IF61, IF62

**Prerequisites:** IBB212 or MGB206 or MGB208

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MGB309, MIB212

**Campus offered:** GP **Semester:** 2

### ► IBB308 CONTEMPORARY BUSINESS IN EUROPE

Building upon the historical understandings established in the prerequisite unit, this unit analyses contemporary issues relevant to business in Europe. Areas of study include: the growth of regional cooperation in Europe; business and regional cooperation; European Union policies and impacts; challenges of doing business in the emerging markets of Central and Eastern Europe. Case studies of contemporary business activities in Europe including entry to European markets will be used in the analysis.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF48, IF60, IF61, IF62

**Prerequisites:** IBB208 or 96 credit points of approved study

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB300

**Campus offered:** GP **Semester:** 2

### ► IBB312 SPECIAL TOPIC - INTERNATIONAL BUSINESS

An 'open-ended' unit where the opportunity will be available for staff and visiting scholars to offer a specialised program of study.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF48, IF60, IF61, IF62

**Prerequisites:** IBB211

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB312

**Campus offered:** GP **Semester:** 1, 2

### ► IBB317 CONTEMPORARY BUSINESS IN ASIA

This unit gives students an understanding of the practical challenges of doing business in East and South East Asia. It explains the current cultural, social, institutional and regulatory considerations that influence the conduct of modern enterprises in Asia. The unit analyses specific country markets to inform business decisions

pertaining to: business strategy; production and procurement; and, distribution and marketing. The unit addresses important contemporary business trends throughout the region including: market access; corporate governance; consumer demographics and tastes; the structure and competitiveness of local and foreign firms in the region; the integration of new business technologies; and the rapid economic and legal reform taking place in East Asia.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF48, IF60, IF61, IF62

**Prerequisites:** IBB217 or 96 credit points of approved study

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MIB317

**Campus offered:** GP **Semester:** 2

### ► IBB400 GLOBAL INDUSTRY ANALYSIS

This unit provides students with a detailed understanding of the particular industry or industries within which their organisation operates. A sound understanding of the nature of an industry requires the development of appropriate conceptual, analytical and operational skills. This unit provides the framework within which these dimensions are developed and applied to industries selected by the students for their major assignment.

**Courses:** BS63, BS93 **Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** BSN400

**Campus offered:** GP **Semester:** 1

### ► IBB403 BUSINESS IN ASIA

The aim of this unit is to enable an intensive study of business and markets in Asia. The development of the major industries will be examined, together with major intra-regional patterns of trade, commerce and finance. Significant economic, political and social factors determining developments will be focussed upon, as well as regulatory restraints governing market access. The student will be required to undertake a project, which requires the application of knowledge of the region to a business issue.

**Courses:** BS30, BS39, BS63, BS92, BS93, GS30, GS31, GS85, GS86, IF64

**Prerequisites:** PG only; plus GSN101 or GSN204 or IBN408

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MIN403

**Campus offered:** GP **Semester:** 1

### ► IBB404 BUSINESS IN EUROPE

This unit enables a more intensive study of business and markets in Europe. The development of the major industries will be examined, together with intra-regional patterns of trade, commerce and finance. A particular focus will be the development of a single European market and its international implications. Significant economic, political and social factors determining developments will be focussed upon, as well as regulatory restraints governing market access. The student will be required to undertake a project which requires the application of knowledge of the region to a business issue.

**Courses:** BS30, BS39, BS63, BS92, BS93, GS30, GS31, GS85, GS86, IF64

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MIN404

**Campus offered:** GP **Semester:** 1

### ► IBB408 GLOBAL BUSINESS OPERATIONS

This core unit examines the forces of globalisation, the diversity of international environments and their impact on business functions at the operational level. It examines the processes and challenges of internationalising the business operations as firms strive to compete successfully in the global marketplaces. Areas of study include the growth of international business and globalisation, international business motives and forms, the nature and challenges of the diversity of environments, and managing and controlling business operations. An international business simulation game is used to facilitate the understanding of business as a system of integrated operations and environments.

**Courses:** BS30, BS39, BS93, GS31, GS86

**Campus:** GP

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** GSN101, BSN408

**Prerequisites:** PG only **Semester:** 1

### ► IBN409 NEGOTIATING ACROSS BORDERS

Analyses the complex interdependence between cultures, management philosophies, corporate strategies and business negotiations. It is designed to develop skills in negotiating in the international environment, in particular, across different cultures. The unit will also develop managerial communications skills appropriate to, and effective in diverse environments. It will discuss negotiation and management problems; and deal with socio-cultural issues and behaviours which impact upon international firms. Subject to final approval.

**Courses:** BS64, BS65, BS66

**Contact hours:** 3 per week **Credit points:** 12

**Prerequisites:** PG only **Semester:** 1

### ► IBN410 INTERNATIONAL LOGISTICS MANAGEMENT

This unit presents an introduction to international logistics functions and develops a strategic approach to international business transactions and integration focussing on supply chain management. The unit will introduce traditional and contemporary logistics concepts and describe international logistics operations including global transport systems, inventory management, materials handling and information management. Global supply chain management cases and strategies are integrated throughout the unit. Subject to approval.

**Courses:** BS64, BS65, BS66

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► IBN411 INTERNATIONAL BUSINESS FIELD STUDY

The unit involves a four-week visit to another country, preceded by five seminars and a guided readings component. During the visit students will receive lectures from local academics, briefings from managers working in the country, and participate in industry visits to local and international firms operating in that country. From these activities students will develop an understanding of the country and, in particular, the issues, regulations and environmental factors affecting business operations or market entry. Subject to approval.

**Courses:** BS66

**Prerequisites:** PG only, 48 credit points of approved PG study

**Contact hours:** 3 per week **Credit points:** 24

**Campus offered:** GP, KG

### ► IBN412 INTERNATIONAL BUSINESS INTERNSHIP

The student is placed in a selected host organisation for a period of approximately sixteen weeks performing the role of an international business professional. The internship generally will take place in the later stages of the program after two semesters of class-based studies. The placement will be with an organisation in Australia or overseas. It is desirable that the placement is in a country other than the student's country of origin. Placements are assigned to match the background, skills and aspirations of the student and the host organisation's expectations of the task content and performance. The assessment is conducted jointly by and academic supervisor and the internship host. Subject to approval.

**Courses:** BS66

**Prerequisites:** PG only, 48 credit points of approved PG study

**Credit points:** 48

**Campus offered:** GP

### ► IBN421/2 MARKETING INTERNATIONALLY

Students are exposed to the theoretical and planning aspects of marketing internationally. Through an applied approach, theoretical issues such as segmentation of international markets, life cycle, contingency and network approaches to international market entry choice and market development and extension are addressed. Plan-

## UNIT SYNOPSES

ning issues cover the strategic marketing processes involved, including international market research, and their application to regions and countries primarily in the Asia/Pacific region or Europe. Students are trained in the practical application of these theoretical and planning aspects through the development of an extensive international marketing plan. Subject to final approval.

**Courses:** GS30, GS31, GS85, GS86

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1, 2

### ► IBN426 SPECIAL TOPIC - INTERNATIONAL BUSINESS

An 'open-ended' unit where the opportunity will be available for staff and visiting scholars to offer a specialised program of study.

**Courses:** BS30, BS39, BS63, BS92, IF64

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MIN426

**Campus offered:** GP **Semester:** 1, 2

### ► IBN435 BUSINESS IN AUSTRALIA

This unit will introduce students to the business environment in Australia. Students will examine the geographical, historical, socio-cultural, political, regulatory, demographic, economic, legal, locational and other factors that have influenced, or still impinge upon, doing business in Australia in the current international environment. Learning activities include factory visits and industry analysis.

**Courses:** GS30, GS31, GS85, GS86

**Prerequisites:** PG only; plus available only to students new in Australia

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MIN435

**Campus offered:** GP **Semester:** 1, 2

### ► IFN001 ADVANCED INFORMATION RETRIEVAL SKILLS

Provides postgraduate research students with the skills to implement a thorough literature search in their research area and to contribute to life-long learning skills by improving students information literacy. The seven modules which form this unit include: the literature review, developing a search strategy; using the QUT and other libraries, database services, the Internet and its uses; developing a current awareness strategy; personal file management; evaluating information.

**Courses:** CN75, SC60, SC80, IF49, LW50

**Contact hours:** 12 in total **Credit points:** 4

**Campus offered:** GP, KG **Semester:** 1, 2

### ► IFN100 FULL-TIME MASTERS RESEARCH

Provides full-time postgraduate research students with study in a relevant area leading to the development of a thesis. The thesis shall be not less than 50 000 words and shall constitute a substantial contribution to knowledge and understanding in the area of the research.

**Courses:** JS52, LW52

**Credit points:** 48

**Campus offered:** GP, KG **Semester:** 1, 2

### ► IFN101 FULL-TIME MASTERS RESEARCH (EXTENSION)

Provides full-time postgraduate research students with study in a relevant area leading to the development of a thesis. The thesis shall be not less than 50 000 words and shall constitute a substantial contribution to knowledge and understanding in the area of the research.

**Courses:** JS52, LW52

**Credit points:** 48

**Campus offered:** GP, KG **Semester:** 1, 2

### ► IFN200 PART-TIME MASTERS RESEARCH

Provides part-time postgraduate research students with study in a relevant area leading to the development of a thesis. The thesis shall be not less than 50 000 words and shall constitute a substantial contribution to knowledge and understanding in the area of research.

**Courses:** JS52, LW52

**Credit points:** 24

**Campus offered:** GP, KG **Semester:** 1, 2

### ► IFN201 PART-TIME MASTERS RESEARCH (EXTENSION)

Provides part-time postgraduate research students with study in a relevant area leading to the

development of a thesis. The thesis shall be not less than 50 000 words and shall constitute a substantial contribution to knowledge and understanding in the area of research.

**Courses:** LW52, JS52

**Credit points:** 24

**Campus offered:** GP, KG **Semester:** 1, 2

### ► ITB111 SOFTWARE DEVELOPMENT 1

Students will be introduced to the fundamental concepts of procedural programming and the place of programming in the Software Development lifecycle. Students will acquire the skills to design, implement, execute and debug a small application program, and learn the basic syntax of Java as well as some essential object oriented concepts which are required to support the use of Java for the development of programs. (Subject to final approval)

**Courses:** IT21, IF29, IF38, IF48, IF58, IF59, IF79, IF90

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB410

**Campus offered:** GP, CA **Semester:** 1, 2, 3

### ► ITB112 SOFTWARE DEVELOPMENT 2

Students will learn to add a new data type (Set) to the Java programming language in two different ways, and separate the definition of the Set from its implementations; and the concept of generic set members; with the experience from Set, classical sequential abstractions such as Stack and Queue will be shown in implementation by arrays. Specifying ADT and implementing it via array technology and related concepts; alternative linked implementations of Stack and Queue and DataSet; binary search tree algorithms. (Subject to final approval)

**Courses:** IT21, IF29, IF38, IF58, IF59, IF79, IF90

**Prerequisites:** ITB111 or ITB410

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB411

**Campus offered:** GP, CA **Semester:** 1, 2, 3

### ► ITB113 INTRODUCTION TO COMPUTER ARCHITECTURE AND SYSTEM SOFTWARE

In this unit you will learn about computer hardware components and architecture; operating systems; networking fundamentals; researching and evaluating emerging technologies. (Subject to final approval)

**Courses:** IT21, IF29, IF38, IF48, IF58, IF79, IF90

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB412

**Campus offered:** GP, CA **Semester:** 1, 2

### ► ITB114 INTRODUCTION TO NETWORK TECHNOLOGIES

In this unit students will learn about the physical components of networks; TCP/IP networking; network operating systems. (Subject to final approval)

**Courses:** IT21, IF29, IF38, IF48, IF58, IF59, IF79, IF90

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB510

**Campus offered:** GP, CA **Semester:** 1, 2

### ► ITB115 INTRODUCTION TO DATABASES

Students will learn basic database concepts and terminology; the creation and modification of a relational database schema using SQL; the retrieval and modification of the contents of a relational database using SQL; and the development of a database system in Access (a database management program). Students will also develop an understanding of the theory of the design of a new database; the basics of designing user-interfaces; three-level architecture; integrity constraints; security and privacy issues; transaction processing and embedded SQL. (Subject to final approval)

**Courses:** IT21, IF29, IF38, IF48, IF58, IF79, IF90

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB225

**Campus offered:** GP, CA **Semester:** 1, 2

### ► ITB116 PROFESSIONAL STUDIES 1

This unit introduces students to the technology and information systems supporting a business.

Students should acquire skills in basic IT project management, in analysis and design; these should lead to creative web design and web site construction. The unit also focuses on developing professional skills in report writing, oral communication, and visual communication. In addition, the unit assists students to understand themselves as both a team member and a learner, providing effective strategies in each domain. Further issues in ethical and professional practice as an IT professional are also covered. (Subject to final approval)

**Courses:** IT21, IF38, IF48, IF79, IF90

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** ITB310

**Campus offered:** GP, CA **Semester:** 1, 2

### ► ITB117 PROFESSIONAL STUDIES 2

Interwoven with building products (one fixed and one selected from a range of options), you will also continue to develop further skills in team work and a better understanding of group dynamics. Each product will be formally presented and have appropriate documentation. Thus, this unit extends skills in report writing, oral and visual communication and teamwork. (Subject to final approval)

**Courses:** IT21, IF38

**Prerequisites:** ITB116

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** KWB1010

**Campus offered:** GP, CA **Semester:** 2

### ► ITB118 SYSTEMS LIFE CYCLE

Students will be introduced to the organisational and social contexts of Information Communication and Technology Systems. The life cycle of such systems (that is the series of stages that the system passes through from the beginning to the end of its useful life), and the roles of all the participants in that life cycle will be explored. The impact that the development of systems has on an organisation and the importance of analysis of risks involved in the Systems Life Cycle will be addressed. Alternative systems architectures and alternative approaches to the development of systems will also be considered. (Subject to final approval)

**Courses:** IT21, IF29, IF38, IF48, IF58, IF79, IF90

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB107

**Campus offered:** GP, CA **Semester:** 1, 2

### ► ITB218 APPLICATIONS PROGRAMMING

Rapid Application Development (RAD) tools are increasingly dominating the development of commercial applications. This unit introduces students to development methods for commercial information systems, the principles of using structured design techniques and the implementation of such systems using Object Oriented Event Driven Programming (OOED) using Visual Basic.Net (VB.Net), a programming environment that is used extensively in industry. VB.Net is the latest development of the Visual Basic Programming language with complete Object Oriented Programming environment using Common Language Runtime. Information Technology graduates are required to understand these new developments, features and trends in relation to implementing rapid and appropriate, timely business applications and deploying those applications in an organisation.

**Courses:** IT21, IF38, IF48

**Prerequisites:** ITB111, ITB115

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB219, ITN218

**Campus offered:** GP **Semester:** 1, 2

### ► ITB222 BUSINESS SYSTEMS ANALYSIS

This unit develops basic systems development skills by teaching a methodology and techniques of systems analysis and design. This unit gives an introduction to all the phases of the classical systems development life cycle. The aim is to give students a balanced overview of the process of analysing and designing information systems, while ensuring that students develop the necessary skills to apply the major techniques to simple problems. Emphasis is placed on the practical application of techniques to real-world problems.

**Courses:** IT21 **Prerequisites:** ITB111, ITB115

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**Contact hours:** 3 per week    **Credit Points:** 12  
**Campus offered:** GP                      **Semester:** 1, 2

► **ITB223 4GL SYSTEMS**

Characteristics of 4GL development environments; Database creation and manipulation in a 4GL environment; Principles of report and screen design; Development of information systems in a 4GL environment.

**Courses:** IF33, IF38, IT20, IT21, IF48, IF58

**Prerequisites:** ITB229

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP                      **Semester:** 1, 2

► **ITB227 WEB APPLICATIONS**

I) Design Elements for Interactive Web Front Ends II) Architecture of web-enabled database applications III) Database Design for web-enabled database applications

**Courses:** IT21, IF38, IF48

**Prerequisites:** ITB115, ITB116

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP                      **Semester:** 1, 2

► **ITB228 ENTERPRISE SYSTEMS**

I) ES Management, II) Technical Architecture of SAP R/3 as an exemplar Enterprise System III) A process walk through functional boundaries (spanning FL,MM,PP,CO) IV) The ES Lifecycle V) Implementation Processes VI) Implementation Issues VII) Integration with other systems (legacy and specialist) VIII) Systems Evolution IX) Case Study critique X) Future of Enterprise Systems

**Courses:** IT21, IF38, IF48

**Prerequisites:** ITB116

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP                      **Semester:** 1, 2

► **ITB229 INFORMATION SYSTEMS SPECIFICATION**

Analysing an information model: the static, transition, process and computational views of information; ORM notation and application; Z notation and application; developing the model; relationship of these skills with other popular and/or proprietary methods such as ER. Practical application to a range of small to large problems.

**Courses:** IT21, IF38, IF48

**Prerequisites:** ITB115

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP                      **Semester:** 1, 2

► **ITB230 PROJECT**

Systems analysis, design and implementation; testing; documentation; communication of results; management of time and resources.

**Courses:** IF33, IF38, IT20, IT21

**Prerequisites:** Completion of at least 72 credit points from the Information Systems major.

**Credit points:** 12  
**Campus offered:** GP                      **Semester:** 1, 2

► **ITB232 DATABASE SYSTEMS**

The unit introduces the theoretical foundations of databases, system implementation techniques, and gives an overview of emerging database technologies and applications.

**Courses:** IT20, IT21, IF33, IF48

**Prerequisites:** ITB115

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** ITN232

**Campus offered:** GP                      **Semester:** 1, 2

► **ITB233 ENTERPRISE SYSTEMS APPLICATIONS**

I) Enterprise Systems Management, The SAP Example, The Enterprise Systems Lifecycle, II) The main modules of Enterprise Systems, Accounting (Financial Accounting, Controlling), Human Resource Management, Logistics (Materials Management, Production Planning and Control, Sales and Distribution), Integration of this modules, III) E-Commerce and Customer Relationship Management

**Courses:** IT21, IF38

**Prerequisites:** ITB228 Enterprise Systems (for IT students), BSB112 Introduction to Electronic Commerce (for Business Students), and BNB007 Professional Studies (for Engineering students)

**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP                      **Semester:** 1, 2

► **ITB234 INFORMATION ANALYSIS**

Construction of the input to conceptual design. Formal and semantic techniques. The normalisa-

tion process. The integrity of relational databases. Modelling of non typical data.

**Prerequisites:** ITB229

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** ITN234

**Campus offered:** GP                      **Semester:** 1

► **ITB235 DISTRIBUTED OBJECT INFORMATION SYSTEMS**

Object-oriented fundamentals, distributed environments, and distributed technologies.

**Prerequisites:** ITB115, ITB111

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP                      **Semester:** 1

► **ITB236 OBJECT-ORIENTED ANALYSIS AND DESIGN**

This unit extends the materials in Systems Analysis and Design. It focuses on the dynamic aspects of the Object Model which are required in order to develop complex systems. Object-oriented methodologies and methods are reviewed in order for the student to acquire some understanding of formal systems development. Design issues are then introduced, which covers object design, systems design and data storage. Students are required to complete a real life project using the above techniques.

**Courses:** IT20, IT21, IF48

**Prerequisites:** ITB222

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** ITN236

**Campus offered:** GP                      **Semester:** 2

► **ITB240 PROJECT (INFORMATION SYSTEMS)**

Systems analysis, design and implementation; testing; documentation; communication of results; management of time and resources.

**Courses:** IT20, IT21, IF38, IF48

**Prerequisites:** Successful completion of at least 72 credit points from the Information Systems Major

**Contact hours:** 3 for Weeks 1, 2, thereafter by arrangement with Supervisor

**Credit points:** 12  
**Campus offered:** GP                      **Semester:** 1, 2

► **ITB241 INFORMATION TECHNOLOGY MANAGEMENT**

System Selection Processes, Business Process in IT, Change Management, Implementation Issues, Project Management, Strategic IT, Knowledge Management, Outsourcing, Enterprise Wide Systems, e-Business, Disaster Recovery Planning.

**Courses:** IF33, IF38, IT20, IT21, IF48

**Prerequisites:** ITB116

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP                      **Semester:** 1, 2

► **ITB243 KNOWLEDGE-BASED SYSTEMS**

Propositional and Predicate logic, knowledge representation, AND/OR graphs, semantic consequence, natural deduction, resolution.

**Courses:** IT20, IT21, IF38

**Prerequisites:** ITB229

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** ITN231, ITN243

**Campus offered:** GP                      **Semester:** 1, 2

► **ITB245 R/3 SYSTEMS ADMINISTRATION**

Basic systems administration; Architecture of an R/3 system; Using the Computer Centre Management System (CCMS) to monitor the system; Concepts of database administration, backup and recovery, Use of the SAPDBA, BRBACKUP, and BRARCHIVE utilities for database administration functions; Management of Users, Authorisations and Profiles, Use of automated system administration tools provided with R/3.

**Courses:** IT20, IT21

**Prerequisites:** ITB232

**Contact hours:** 3 per week    **Credit points:** 12

**Incompatible with:** ITN245

**Campus offered:** GP                      **Semester:** 1, 2

► **ITB254 INTERACTIVITY DESIGN**

Introduction to interactivity design and the usability engineering lifecycle; human cognition and perception and their effect on user interactivity; introduction to contextual analyses; the usability engineering life cycle; usability goal setting; planning and carrying out evaluation of interface designs; structured interactivity design

methods; guidelines and standards for interface design; testing and evaluation interface designs; basics of support printed manuals, demonstration and discussion of prototypes.

**Courses:** IT21

**Prerequisites:** ITB227 or permission of Unit Coordinator

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP                      **Semester:** 1, 2

► **ITB257 MULTIMEDIA SYSTEMS**

Multimedia Authoring; Cognitive aspects of multimedia; The Media Elements; Still images, vector images and text; Video and animation; Sound (wave form, MIDI, voice); Compression and transmission of multimedia; Hypermedia; Client/Server considerations for multimedia delivery; Programming development for multimedia; Combining media; The Future in Multimedia.

**Courses:** IT20, IT21, IF48

**Prerequisites:** ITB227

**Contact hours:** 3 per week    **Credit points:** 12

**Incompatible with:** ITN257

**Campus offered:** GP                      **Semester:** 1, 2

► **ITB258 ABAP PROGRAMMING**

Characteristics and features of the ABAP Workbench environment; ABAP data modelling tools; ABAP language basics; Principles of report and screen design; Development of reports and dialogue screens in ABAP; Coding transactions in ABAP.

**Courses:** IT21

**Prerequisites:** ITB219 or knowledge of SQL

**Contact hours:** 3 per week    **Credit points:** 12

**Incompatible with:** ITN258, ITN281

**Campus offered:** GP                      **Semester:** 1, 2

► **ITB259 ADVANCED MULTIMEDIA TECHNOLOGIES**

Multimedia Design and Authoring; Cognitive aspects of multimedia; Human-Computer interaction; The Media Elements; 3D and Virtual Reality; Compression and transmission of multimedia; Client/Server considerations for multimedia delivery; Development frameworks for multimedia; The Future of Multimedia.

**Courses:** IT21

**Prerequisites:** ITB227, ITB257

**Contact hours:** 3 per week    **Credit points:** 12

**Incompatible with:** ITN259

**Campus offered:** GP                      **Semester:** 2

► **ITB260 E-COMMERCE SITE DEVELOPMENT**

The aims of an electronic commerce site. The business objectives. Issues in a site: design, software, databases, payment, staffing, hosting and maintenance. Applications development over the Internet. Producing and evaluating site.

**Courses:** IT21, IF38

**Prerequisites:** ITB257 or ITB524

**Contact hours:** 3 per week    **Credit points:** 12

**Campus offered:** GP                      **Semester:** 1, 2

► **ITB262 E-COMMERCE TECHNOLOGIES**

This unit provides an introduction to some of the information technologies being used to support electronic commerce. In particular, it will cover (1) Java-based technologies, including JDBC, servlets, and Java Server Pages, and (2) XML-based technologies, including XSL. The unit will also cover a number of applications of electronic commerce, including electronic services, catalogues, negotiation and trading.

**Courses:** IT21, IF38

**Prerequisites:** ITB115 or ITB225 and ITB111 or ITB410

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP                      **Semester:** 1, 2

► **ITB263 WEB INTELLIGENCE FOR E-COMMERCE**

The notions of agency, a taxonomy of intelligent agents, agent communication languages, the Belief-Desire-Intention agent model, web-based intelligent information agents, agent-mediated electronic-commerce, collaborative filtering in Recommender systems, data mining methods for web content analysis, statistical approaches for web users' profiling, automated negotiation in electronic market-places.

**Courses:** IT21, IF38    **Prerequisites:** ITB111

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**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1, 2

### ► ITB264 INFORMATION SYSTEMS CONSULTING

This unit examines the strategic and operational environment of an IS consulting firm. It looks at the lifecycle of an IS consulting engagement and the issues involved at each stage of that lifecycle. The marketplace for IS consulting firms is appraised to give students a better understanding of their positioning and the role of consultants within the different market sectors. Context is provided by examining specific IS consulting practices such as large scale software implementation, systems integration and development and IS Strategic Planning.

**Courses:** IT21, IF38, IF48

**Prerequisites:** ITB116 or ITB310

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

### ► ITB265 MANAGEMENT OF INFORMATION PROGRAMS

Application of management techniques at different levels to information services, in particular libraries and library procedures; administrative structuring of libraries and the corporate environment; library technical and service divisions and the application of staff development, automation, performance evaluation and financial control to specific work areas; communication processes within libraries and between staff and users; leadership and professionalism in the context of libraries; human resource and financial planning; strategic planning.

**Courses:** IT21, IF38, IF48

**Prerequisites:** ITB116 or ITB310

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

### ► ITB266 PRINCIPLES OF INFORMATION MANAGEMENT

To introduce concepts of management of information resources in organisational contexts. The effective management of information assets and utilisation of external information resources influences organisational performance. The various stages involved in the development of in-house information strategies, policies and systems are explored with reference to information as a resource. Approaches to the successful integration of technical and business skills for the tasks of information management are explored.

**Courses:** IT21, IF38, IF48

**Prerequisites:** ITB310 or ITB116

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** ITN266  
**Campus offered:** GP            **Semester:** 1

### ► ITB267 DATA WAREHOUSING FOR DECISION SUPPORT

Taxonomy of Management Information Systems (FIS, EIS, GIS, MIS etc), Data Driven Decision Support Systems, Building Data Warehouses for Decision Support, Online Analytical Processing (OLAP) Interfaces, Data Mining for Decision Support.

**Courses:** IT21, IF38, IF48

**Prerequisites:** ITB225 or ITB115 and ITB232

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** ITB242  
**Campus offered:** GP            **Semester:** 1, 2

### ► ITB272 INFORMATION TECHNOLOGY PROJECT MANAGEMENT

Project Scoping, Benefits Realisation, Organisational Cultures, Group Dynamics and Communication within Teams, Risk Assessment and Quality Management, Projects Scheduling and Contingency Management.

**Courses:** IF33, IF38, IT20, IT21, IF48

**Prerequisites:** Completion of at least 192 credit points

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1, 2

### ► ITB322 INFORMATION RESOURCES

Managing information; database structure, basic searching; online industry; searching and the searching process; search strategies; online sources, Dialog etc, CD-ROMs; the Internet historical background and searching tools; management aspects of using external search

services; and legal information sources; research and development information sources; demographic data; government resources; marketing information sources; patents, standards; census data, company annual reports; people as sources of information; ethics of information gathering.

**Courses:** IT20, IT21, IF38, IF48

**Prerequisites:** ITB116

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1, 2

### ► ITB330 INFORMATION ISSUES

Concepts that relate to information and the adoption of information technologies create fundamental issues for both the individual and society. Consequently, this unit explores the development of the information society concept and related policies that need to be addressed at both the government, corporate, and individual levels - with reference to issues such as information ownership, access to information, and protection of information. Subject focus creates awareness of both direct and indirect impacts of information and associated technology, including potential abuse of expert power, information overload, pornography and internet addiction. A framework for ethical use of information in organisations, with a particular focus on privacy and other related issues is offered. Also examined are issues of professional responsibility and ethics in information professions, including roles of such bodies as The Australian Computer Society, the Australian Library and Information Association, and other professional agencies. Subject has general appeal for wide range of IT and other information professionals.

**Courses:** IF52, IF54, IT20, IT21, IF38, IF48

**Prerequisites:** ITB116

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** ITN330  
**Campus offered:** GP            **Semester:** 1, 2

### ► ITB335 DIGITAL LIBRARIES

The development of automated library systems based upon analysis of subsystems such as acquisitions, circulation, cataloguing, reference and information retrieval and special materials control; standards for description, distribution and retrieval of information in such systems; integration of subsystems; linking of systems into networks and organisation of document delivery, access to digital collections, knowledge representation and information retrieval from databases and resource discovery within a coordinated framework; digitisation programs and their management.

**Courses:** IT21

**Prerequisites:** ITB222

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** ITN335  
**Campus offered:** GP            **Semester:** 2

### ► ITB337 INFORMATION ORGANISATION 1

Principles and strategies for organising information; the nature of information; theory of indexing and classification; the structure of bibliographic databases and bibliographic records; international standards for information organisation; subject heading lists; library catalogues; indexing and abstracting services; library networks; adopting a client-approach to knowledge organisation; developing personal heuristics for approaching unfamiliar technologies.

**Courses:** IT21

**Prerequisites:** ITB116

**Contact hours:** 3                    **Credit points:** 12  
**Incompatible with:** ITP327  
**Campus offered:** GP            **Semester:** 1

### ► ITB338 INFORMATION RESOURCE PROVISION

An introduction to the concept of information and the relationship of information resource provision to community information needs and wants. The various media and formats used for recording of information as well as the content itself are analysed in terms of how well these meet the requirements of a variety of information end-users. The characteristics of the range of media producers/publishers are investigated from the point of view of how these media may be acquired and the equipment resource implications entailed. Topics related to the purchase and

retention of resources are tackled in the light of possible alternative sources of provision and the information needs of the immediate clientele as well as the needs of the wider Australian community. The development of a collection policy document, collection evaluation, procedures for maintaining collection currency and the legal and ethical dimensions of information resource provision are also highlighted.

**Courses:** IT21                    **Prerequisites:** ITB116

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** ITN338  
**Campus offered:** GP            **Semester:** 2

### ► ITB339 PROFESSIONAL PRACTICE

This unit provides both an opportunity for students to spend a period of time in the professional working environment, and an opportunity to examine through a seminar series many of the issues that have an impact upon professionals working in information agencies with particular reference to libraries. It will provide a contemporary perspective of the role of libraries and information agencies; alternative approaches and technologies for information provision and dissemination; processes and techniques of communication; social and legal framework affecting information provision; the role of librarians and information professionals. Students will complete two fieldwork placements of fifteen days each. Their fieldwork placements are to be organised by the students, in conjunction with a faculty supervisor.

**Courses:** IT21                    **Prerequisites:** ITB322, ITB337

**Contact hours:** 2 per week, plus 2 placements each of 3 weeks

**Credit points:** 12    **Incompatible with:** ITN339  
**Campus offered:** GP            **Semester:** 2

### ► ITB341 STRATEGIC INFORMATION AND KNOWLEDGE MANAGEMENT

The course attempts to describe the major approaches and the practical techniques that students are likely to encounter in formulating and implementing information and knowledge based strategic plans in a typical business organisation within a competitive environment. Students are guided systematically in acquiring the analytical and managerial skills required to develop information and knowledge based strategic plans that are aligned with organisational strategies, with a view to achieving organisational goals. It also deals with functions and practices of management that relate to provision of information and knowledge services, and utilisation of technology to support them.

**Courses:** IT52, IF54, IT20, IT21

**Prerequisites:** ITB116

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

### ► ITB420 COMPUTER ARCHITECTURE

This unit encompasses: The organisation of simple computer systems and the way in which hardware provides the basic facilities for the machine, Programming at the assembly language level (80x86 assembly language is used). The programming of input-output operations including the use of the interrupt mechanism which underlies operating system organisation of uni-processor systems.

**Courses:** IT20, IT21, IF58, IF59

**Prerequisites:** ITB113

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** ITN413  
**Campus offered:** GP            **Semester:** 1, 2

### ► ITB421 SOFTWARE DEVELOPMENT 3

The unit makes use of the C programming language as a tool for expressing abstraction and modular programming. Advanced table abstractions (balanced trees and hashing) are introduced along with the graph ADT, its implementation, and several common graph algorithms. Formal specification of programs is considered essential for abstract reasoning about data types and is integrated into the unit, as in the prerequisites.

**Courses:** IT20, IT21, IF59, IF90

**Prerequisites:** ITB112

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** ITN414  
**Campus offered:** GP            **Semester:** 1, 2

► **ITB424 SOFTWARE ENGINEERING PRINCIPLES**

This unit presents the principles of software engineering and the associated techniques and tools for producing software systems that are reliable, within budget, fully documented, and well tailored to requirements.

**Courses:** IT20, IT21, IF59, IF79, IF90

**Prerequisites:** ITB112 (A knowledge of Java is recommended)

**Contact hours:** 2.5 **Credit points:** 12

**Incompatible with:** ITN424

**Campus offered:** GP **Semester:** 1, 2

► **ITB427 CONCURRENT AND DISTRIBUTED SYSTEMS**

Unit is intended to provide students with an understanding of the process management, process communication and functions of modern operating systems, of notions of concurrency and parallelism, and of the nature and functions of distributed systems. Unit focuses on contemporary operating systems, UNIX windows, including use of Java and addresses related theoretical principles upon which such systems rely. Emphasis is on practical work, involving selected programming principles and algorithms used widely in development of system software for both large and small computer systems. Assignment work includes use of threads and remote method invocation for distributed programming. Other practical work covers scheduling, protection and UNIX process communication.

**Courses:** IT21, IF29, IF58, IF59

**Prerequisites:** ITB421, ITB113

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2

► **ITB432 ADVANCED PROGRAMMING LABORATORY**

This unit is designed to allow a team of students to develop their own solution to a large project acting as clients of an industry based partner. A software engineering approach is taken with the development of system documentation to support the system software that is developed.

**Courses:** IT21, IT38/IT45

**Prerequisites:** ITB424, ITB448 (IT38/IT45: ITN424, IT35/IT40: ITN415 and ITN 424)

**Contact hours:** 3 per week **Credit points:** 12

► **ITB433 PROGRAMMING LANGUAGES**

General language overview: syntax, semantics, and types. Study of a modern functional language: types, higher-order routines, polymorphism, algebraic data types, and I/O. Language processing: scanners, parsers, translators, interpreters and compilers, grammars, abstract vs concrete syntax, type rules and abstract machines. Examples, simple arithmetic expressions and a mini-programming language: EBNF and recursive descent parsing, interpretation, compilation, translation and simple type checking. Networking programming language processing.

**Courses:** IT21, IF58, IF59, IF79

**Prerequisites:** ITB112

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITN433

**Campus offered:** GP **Semester:** 1, 2

► **ITB441 GRAPHICS**

This is a general introduction to the area of computer graphics. It includes topics on: geometric modeling (how to construct an object to be displayed); 2D and 3D transformation (how to move the object around); hidden surface removal, illumination and shading (how to make the object look realistic); the software that will enable this process to be implemented; and an understanding of the way the hardware (specifically the display technology) effects the graphical output of the software.

**Courses:** IF52, IF59, IT20, IT21

**Prerequisites:** ITB421

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITN440

**Campus offered:** GP **Semester:** 1

► **ITB446 PROJECT WORK (CORE CS EXTENDED MAJOR)**

**Courses:** IT21

**Credit points:** 12

**Campus offered:** GP **Semester:** 1

► **ITB448 OBJECT TECHNOLOGY**

This unit builds on students' basic understanding of software engineering principles by considering the object-oriented paradigm for the design and implementation of a solution to a given software engineering problem. The implementation component builds on students' knowledge of the C programming language by teaching the C++ programming language.

**Courses:** IT20, IT21, IF90

**Prerequisites:** ITB421

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITN415

**Campus offered:** GP **Semester:** 1, 2

► **ITB457 WINDOWS PROGRAMMING**

The unit starts by using MFC (in Visual C++) to introduce the theory and practice of developing windows applications. Throughout the unit, MFC is contrasted with Visual Basic; comparing factors such as expressiveness, efficiency and ease of use. Emphasis will be placed on concepts that are common to all windows development environments, namely general windowing concepts, the underlying MS Windows API they are built from, and the event-based style of programming they require. The unit will also introduce a number of cutting-edge technologies such as ActiveX and component based development. MFC will be contrasted with other development environments, such as Borland C++Builder, Delphi, Java AWT, ASP, and DHTML. The new Microsoft .NET environment will also be introduced.

**Courses:** IT21

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

► **ITB458 JAVA AND EXTENSIBLE PROGRAMMING**

An introduction to the Java language, its standard libraries, the theoretical models underpinning the design decisions of language and libraries, the creation of Java applications and applets. Broader issues of runtime extensibility and the relationship to distributed connectivity. The unit is divided into three major modules: Object-Oriented Programming in Java (weeks 1-5); Advanced Language Features (weeks 6-9); and Distributed Connectivity (weeks 10-13).

**Courses:** IT20, IT21, IT38/IT45, IF58, IF59

**Prerequisites:** ITB421

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2

► **ITB460 SOFTWARE ENGINEERING AND GAMES DESIGN**

The different games genre and playing perspectives and how these impact on social issues; games design through such strategies as storyboarding and character creation; the complementary roles of AI, graphics, geometric modeling and animation in games design; the use of artificial life in the design of games; user interface design and game control; networking techniques for multi-user environments; the different hardware associated with games design and how sound and music are used in games.

**Courses:** IF90

**Prerequisites:** ITB441, ITB442

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

► **ITB464 MODERN COMPILER CONSTRUCTION**

Regular expressions and context free grammars are introduced as convenient notations for formally specifying programming languages. The mechanical recognition of such languages is considered from a formal and a practical/implementation point of view. Attribute grammars are discussed as a way of extending these simple recognisers into useful language translation tools. Intermediate forms such as abstract syntax trees and intermediate languages are examined as a bridge to machine code. Code generation for a realistic RISC machine is studied to give concrete results. The separate, but not independent compilation of modules will be discussed together with an introduction to code optimisation. Compiler-generator tools will also be discussed.

**Courses:** IT21, IF58 **Prerequisites:** ITB421

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

► **ITB469 UNIX SYSTEMS PROGRAMMING AND ADMINISTRATION**

Unit introduces students to the inner workings of the UNIX operating system. The unit commences by examining the requirements of administering a simple LINUX system, including a study of UNIX shell scripting. This is followed by a broad examination of the architecture of the UNIX operating system. Topics covered include: UNIX kernel, structure of file subsystem, process management, Scheduling, device I/O and inter-process communication (IPC). Finally, the unit concludes with an introduction to the security aspects of LINUX/UNIX operating system.

**Courses:** IT21, IF48, IF29, IF59

**Prerequisites:** ITB427

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

► **ITB470 WINDOWS 2000 SYSTEM PROGRAMMING AND ADMINISTRATION**

This unit builds on the general principles of operating systems gained in an earlier unit to provide specific knowledge and skills for programming and administering of computer installations consisting of multiple workstations using the Microsoft Windows 2000 Operating System

**Courses:** IT21, IF59, IF58, IF29

**Prerequisites:** ITB427

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITN470

**Campus offered:** GP **Semester:** 2

► **ITB471 SOFTWARE DEVELOPMENT FOR THE WEB**

The web is the most important computer system. However the web is rather different from traditional PC systems and this has important effects on software development. For example the web comprises of many loosely coupled machines which are heterogeneous in nature; the web is unreliable and is not centrally administered. This unit covers the theory and practice for developing software for web based systems. A particular practical emphasis is the Microsoft .NET system.

**Courses:** IT21

**Prerequisites:** ITB448 or a similar level of proficiency in object oriented programming

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

► **ITB523 DATA SECURITY**

IT systems are increasingly used to store, process and exchange information. This unit enables students to identify security issues with information systems used by entities ranging from a single user to a large organisation. Upon completion of the unit, students should be able to understand major information security goals, describe and identify threats to information security and demonstrate knowledge of available counter measures and controls.

**Courses:** IT20, IT21 **Prerequisites:** ITB114

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITN523

**Campus offered:** GP, CC **Semester:** 1, 2, 3

► **ITB524 INTERNETWORKING**

This unit covers in some detail the theory of operation of the TCP/IP protocol suite, including the routing of IP packets, the operation of TCP, and the role of the major auxiliary protocols. The unit has a significant hands-on component.

**Courses:** IT21 **Prerequisites:** ITB114

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITN524

**Campus offered:** GP **Semester:** 1, 2

► **ITB525 NETWORK ADMINISTRATION**

Network Administration introduces you to the responsibilities and skills required by a local area network (LAN) administrator. You will be encouraged to develop your own approach to solving problems encountered in installing and managing a multi-user networked environment in a diverse and rapidly changing world. The skills you will acquire will enable you to efficiently administer a LAN as a world class IT professional.

**Courses:** IT20, IT21 **Prerequisites:** ITB524

**Contact hours:** 3 per week **Credit points:** 12

## UNIT SYNOPSES

**Incompatible with:** ITN525, ITB535

**Campus offered:** GP **Semester:** 1, 2

### ► ITB527 NETWORK TECHNOLOGIES

The unit covers a detailed study of Internetworking technologies available to the wide area network (WAN). Contemporary issues in networking will also be visited in discussing the choice of technologies available for use in the wide area Network. Because of the rapidly changing nature of the field, an opportunity to discuss latest developments in Data Communications is allowed for at the end of the semester.

**Courses:** IT21 **Prerequisites:** ITB524

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITN527, ITB538

**Campus offered:** GP **Semester:** 1, 2

### ► ITB529 NETWORK SERVICES

This unit develops your practical knowledge of the design, implementation and operation of web based network services by using scripting programming languages. The unit involves the study of network protocols, models of client-server systems, CGI script programming, middleware, super-servers, and the security of client-server systems.

**Courses:** IT20, IT21

**Prerequisites:** ITB112, ITB524

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITN529

**Campus offered:** GP, CA **Semester:** 1, 2

### ► ITB533 COMPARATIVE NETWORK SYSTEMS

In this unit, students will complete laboratory exercises as a Microsoft Windows network administrator. Topics include: performance, fault, configuration and security management, registry management, customisation of off-the-shelf products, file systems, printing, user administration and interfacing with other networks, such as Novell NetWare and Unix. This unit should assist those who are interested in becoming a Microsoft Certified Systems Engineer (MCSE).

**Courses:** IT20, IT21 **Prerequisites:** ITB524

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITN533

**Campus offered:** GP **Semester:** 1

### ► ITB551 NETWORK PLANNING

Strategic planning and network technology; networked business applications; analysing and assessing networking opportunities; determining networking requirements; local and wide area network design issues; future planning.

**Courses:** IT21 **Prerequisites:** ITB527

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITN551

**Campus offered:** GP **Semester:** 2

### ► ITB564 APPLICATION SERVICES

The unit describes the role of networked object-oriented applications for data communications in a modern technological environment and examines their design and implementation. It covers basic concepts and terminology; the standards used by industry; client server design methodologies; client software and server software for object-oriented data communications involving distributed data and distributed processing on networks; and collaborative computing.

**Courses:** IT20, IT21

**Prerequisites:** ITB529 or ITB458

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITN564

**Campus offered:** GP **Semester:** 2

### ► ITB565 NETWORK MANAGEMENT

Management of a large network is significantly more difficult than the administration of a small network, and requires significant additional knowledge and skills. Many Data Communications graduates will be required to manage such networks. This unit will introduce the student to the essential issues in network management, and provide appropriate experience in the configuration and operation of network management systems.

**Courses:** IT20, IT21 **Prerequisites:** ITB525

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITN565

**Campus offered:** GP **Semester:** 1, 2

### ► ITB566 INTRODUCTION TO CRYPTOLOGY

This unit provides students with a background in the fundamental concepts of cryptology, both in the areas of cryptography and cryptoanalysis. Topics include: classical, modern and public key ciphers; practical cryptology.

**Courses:** IF23, IT20, IT21, MA34, SC30, SC60

**Prerequisites:** MAB177 or equivalent

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITN566

**Campus offered:** GP **Semester:** 1

### ► ITB568 WIRELESS NETWORKS

Wireless communications is rapidly becoming a more and more important part of everyday life. This unit aims to give the students the skill to be able to design and manage different types of wireless communication systems. Technologies to be covered include GSM, CDMA, Bluetooth, IEEE 802.11, WAP and Third Generation wireless networks. A demonstrative and experimental approach will be taken to assist with developing the student's understanding. Students will also learn through undertaking small projects in the area.

**Courses:** IT21 **Prerequisites:** ITB527

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITN568

**Campus offered:** GP **Semester:** 2

### ► ITB569 NETWORK SECURITY FOR E-COMMERCE

Network Security is required for all inter-networked information systems. This advanced unit builds upon prior knowledge in data security and develops your practical knowledge of e-commerce security. Implementation of security at every level of the current network models and architectures are investigated. From this, the development of policies and procedures will be formed, which will provide the structure for the implementation of secure e-commerce systems.

**Courses:** IT21 **Prerequisites:** ITB523

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITN569

**Campus offered:** GP **Semester:** 1

### ► ITB742 PRINCIPLES OF ARTIFICIAL INTELLIGENCE

A tertiary programming subject.

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** KG **Semester:** 2

### ► ITB823 WEB SITES FOR ELECTRONIC COMMERCE

Systems analysis and design for e-commerce systems. The use of databases to store, alter and retrieve information. Creation of Internet based web pages using commonly available authoring tools.

**Prerequisites:** BSB112

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP

### ► ITB825 ELECTRONIC BUSINESS INFORMATION SYSTEMS

This unit introduces students to information technology in organisations, the way in which information systems technologies support key organisational functions, what information resources are available to them, and how various organisations' staff are involved in the systems development process. How organisations use these technologies and how they plan for, develop and implement technology applications are considered.

**Courses:** BS56, IF26, IF28, IF30, IF37, IF41,

IF47, IF48, IF57, IF60, IF62, IF72

**Prerequisites:** BSB112

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP

### ► ITB826 INTRODUCTION TO DATABASES

The use of databases to store, alter and retrieve information. Introduction to SQL for update, retrieval, and database schema creation and maintenance. Database attributes including domains, primary and foreign keys, and the use of views. Update anomalies. The first three normal forms of relational database theory. Application development using a fourth generation database

management system. Privacy, security and integrity.

**Courses:** PU40

**Contact hours:** 3 per week

**Credit points:** 12

**Campus offered:** GP

### ► ITB840 SOFTWARE DEVELOPMENT 1

The basis of the major computing topics to be covered in later units especially programming. All students in the area of information technology need to be aware of a range of problem solving techniques and how these can be used to solve various problems using a procedural programming language. Introduces the student to the need for software quality management and control during software development.

**Courses:** MA34, SC30

**Contact hours:** 4 per week **Credit points:** 12

### ► ITB844 PROJECT (IF59)

Students in IF59, either individually or in small groups, undertake a substantial project relevant to the needs of industry and designed to provide insight into industrial requirements. Each project is carried out under the supervision of a staff member whose interests lie in the field of the project. Before work commences on the project, the student(s) and supervisor must agree on the topic and the scope of the work to be attempted. This unit is offered over two semesters.

**Courses:** IF59

**Prerequisites:** Completion of 72 credit points in Software Engineering

**Credit points:** 24

**Campus offered:** GP **Semester:** 1, 2

### ► ITB848 SOFTWARE PRINCIPLES

This unit will cover: a review of programming fundamentals in C; advanced programming techniques—recursion, dynamic memory allocation and pointer-linked structures, file input/output; the Abstract Data Type (ADT) concept and its expression in C: standard abstractions—stack, queue, sequence, table—and their implementations—arrays, linked lists, binary search trees, hash tables; algorithm analysis—complexity measures, the big-O notation; software engineering - analysis, specification, design coding, test planning and testing, documentation, life cycle.

**Courses:** ME40

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2

### ► ITB849 INTRODUCTION TO TECHNICAL COMPUTING

The unit introduces the student to the techniques and concepts required in order to produce solutions to scientific problems using computers. The unit provides students with a disciplined and structured approach to algorithm design and implementation in a high-level matrix-oriented programming language.

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP

### ► ITB851 ADVANCED TECHNICAL COMPUTING

The major concept in this unit is 'abstraction' and its application to the solution of technical/engineering computational problems. Students will learn how to use the C data structuring tools of structures, arrays and pointers. Students will learn how to hide the complexity of underlying data structures using a collection of carefully designed functions, to facilitate development of well designed and effective programs. The unit then introduces C++ and Object Programming concepts. The program design and implementation components build on students' knowledge of the C and C++ programming languages. Students will be exposed to engineering type problem solving using C/C++.

### ► ITB906 INDUSTRIAL TRAINING EXPERIENCE

Consists of a one year work experience program. For more information about this program, refer to the Co-operative Education Program.

**Courses:** IT21, IF29, IF38, IF48, IF58, IF59,

IF79, IF90

**Credit points:** 12 **Campus offered:** GP

### ► ITD107 PROGRAMMING LABORATORY

Reinforces the fundamental programming concepts already introduced in Software Develop-



ment 1 through a series of practical exercises. Introduces students to another programming language. Develops practical programming skills in writing, testing, and debugging well-structured and well-documented software.

**Courses:** IT10 **Prerequisites:** ITD410  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** ITB107  
**Campus offered:** KG **Semester:** 1, 2, 3

► **ITD225 INTRODUCTION TO DATABASES**

Introduces students to the use of databases to store, alter and retrieve information; introduction to SQL for update, retrieval, and database schema creation and maintenance; database attributes including domains, primary and foreign keys, and the use of views; update anomalies; the first three normal forms of relational database theory; application development using a fourth generation database management system; privacy, security and integrity.

**Courses:** IT10 **Prerequisites:** ITD410  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** ITB225  
**Campus offered:** KG **Semester:** 1, 2, 3

► **ITD410 SOFTWARE DEVELOPMENT 1**

Introduces the techniques and concepts required to provide solutions to problems using computers. The unit provides students with a disciplined and structured approach to algorithm design and implementation in a high-level object-oriented programming language. This process is understood within the context of the software development lifecycle.

**Courses:** IT10 **Prerequisites:** ITD410  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** ITB410  
**Campus offered:** KG **Semester:** 1, 2, 3

► **ITD411 SOFTWARE DEVELOPMENT 2**

Examines how quality software development is increasingly reliant upon design using existing or custom-built re-useable library modules, with abstract data types chosen to reflect the data and operations required by the application. This course provides the foundations of module specifications and design, stressing the importance of separation of the application's programming interface (API) from the underlying implementation. The approach is illustrated through the realisation of a series of fundamental data types and associated algorithms within a modular programming language.

**Courses:** IT10 **Prerequisites:** ITD410  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** ITB411  
**Campus offered:** KG **Semester:** 1, 2, 3

► **ITD412 TECHNOLOGY OF INFORMATION SYSTEMS**

Focuses on number systems, data formats, the Little Man Computer model, the CPU and memory, instructions in the computer programming tools, input/output, computer peripherals, overview of operating systems, user view of operating system, and the internal operating system and file management.

**Courses:** IT10 **Prerequisites:** ITD410  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** ITB412  
**Campus offered:** KG **Semester:** 1, 2, 3

► **ITD510 COMMUNICATION NETWORKS**

Introduces students to telecommunications and data communication networks with specific reference to the World Wide Web (WWW), Local Area Networks (LANs), (eg Ethernet), Wide Area Networks (WANs), and communications architectures (eg TCP/IP) and provides an overview of network management and network security issues.

**Courses:** IT10 **Prerequisites:** ITD410  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** ITB510  
**Campus offered:** KG **Semester:** 1, 2, 3

► **ITN100 RESEARCH METHODOLOGY**

In this unit students are introduced to the research process, research quality control, research project management, and research methodology. Students examine how to source relevant litera-

ture, critique results, manage a research project, and how to write a research proposal.

**Courses:** IT30, IT31, IT35, IT40, IT60, IF49  
**Corequisites:** ITN110 (corequisite for Honours only) or equivalent  
**Credit points:** 12  
**Campus offered:** GP **Semester:** 1, 2

► **ITN110 PROJECT (HONOURS)**

This unit is a research project. Normally, the unit will be followed by an honours dissertation (24 credit points). The unit itself complements ITN100, and gives students the opportunity to pilot one phase of the proposed research program. This unit allows students to acquire necessary skills in a problem domain, review the applications of other researchers, and to implement a component of the proposed research. The unit also exercises students in preparing a well written research report.

**Courses:** IT30 **Prerequisites:** ITN100  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1, 2

► **ITN122 DISSERTATION (IS)**

Designed to enable a student to undertake research work in a particular area of information technology. Topic is decided by agreement between the student and a supervising staff member.

**Courses:** IT30 **Prerequisites:** ITN100, ITN110  
**Credit points:** 24  
**Campus offered:** GP **Semester:** 1, 2

► **ITN124 DISSERTATION 2 (CS)**

Designed to enable a student to undertake research work in an area of information technology. Topic is decided by agreement between the student and a supervising staff member.

**Courses:** IT30 **Prerequisites:** ITN100, ITN110  
**Credit points:** 24 **Campus offered:** GP

► **ITN125 DISSERTATION 2 (DC)**

Designed to enable a student to undertake research work in an area of information technology. Topic is decided by agreement between the student and a supervising staff member.

**Courses:** IT30 **Prerequisites:** ITN100, ITN110  
**Contact hours:** 1 per week **Credit points:** 24

► **ITN132 DISSERTATION (IS) (PART TIME)**

Designed to enable a part-time student to undertake research work in a particular area of information technology. Topic is decided by agreement between the student and a supervising staff member.

**Courses:** IT30 **Prerequisites:** ITN100, ITN110  
**Credit points:** 24

► **ITN134 DISSERTATION 2 (CS)**

Designed to enable a part-time student to undertake research work in a particular area of information technology. Topic is decided by agreement between the student and a supervising staff member.

**Courses:** IT30 **Prerequisites:** ITN100, ITN110  
**Credit points:** 24

► **ITN135 DISSERTATION 2 (DC)**

Designed to enable a part-time student to undertake research work in a particular area of information technology. Topic is decided by agreement between the student and a supervising staff member.

**Courses:** IT30 **Prerequisites:** ITN100, ITN110  
**Contact hours:** 1 per week **Credit points:** 24

► **ITN142 MAJOR PROJECT (IS) FULL-TIME**

An appropriately sized problem is formulated in consultation with one or more project supervisors in either the School of Information Systems or the School of Computing Science and Software Engineering, and is usually associated with one of the research interests within the School. Student and supervisor must agree on a topic, scope and semester plan for the work to be attempted. At the end of the semester, the outcome of the investigation is presented to the School both orally and in written form.

**Courses:** IT40 **Prerequisites:** ITN100  
**Contact hours:** By arrangement with the supervisor of the project. Minimum contact should consist of one meeting per week.  
**Credit points:** 48

► **ITN144 MAJOR PROJECT (CS) FULL-TIME**

An appropriately sized problem is formulated in consultation with one or more project supervisors in either the School of Information Systems or the School of Computing Science and Software Engineering, and is usually associated with one of the research interests within the School. Student and supervisor must agree on a topic, scope and semester plan for the work to be attempted. At the end of the semester, the outcome of the investigation is presented to the School both orally and in written form.

**Courses:** IT40 **Prerequisites:** ITN100  
**Contact hours:** By arrangement with the supervisor of the project. Minimum contact should consist of one meeting per week.  
**Credit points:** 48

► **ITN145 MAJOR PROJECT (DC)**

Designed to enable a student to undertake significant research work in a particular area of information technology. Topic is decided by agreement between the student and a supervising staff member.

**Courses:** IT40 **Prerequisites:** ITN100 and 84 credit points in relevant postgraduate units  
**Contact hours:** 1 per week **Credit points:** 48

► **ITN152 MAJOR PROJECT (IS) PART-TIME**

An appropriately sized problem is formulated in consultation with one or more project supervisors in either the School of Information Systems or the School of Computing Science and Software Engineering, and is usually associated with one of the research interests within the School. Student and supervisor must agree on a topic, scope and semester plan for the work to be attempted. At the end of the semester, the outcome of the investigation is presented to the School both orally and in written form.

**Courses:** IT40 **Prerequisites:** ITN100  
**Contact hours:** By arrangement with the supervisor of the project. Minimum contact should consist of one meeting per week.

**Credit points:** 48 (24 per semester in consecutive semesters)  
**Campus offered:** GP **Semester:** 1, 2

► **ITN154 MAJOR PROJECT (CS) PART-TIME**

An appropriately sized problem is formulated in consultation with one or more project supervisors in either the School of Information Systems or the School of Computing Science and Software Engineering, and is usually associated with one of the research interests within the School. Student and supervisor must agree on a topic, scope and semester plan for the work to be attempted. At the end of the semester, the outcome of the investigation is presented to the School both orally and in written form.

**Courses:** IT40 **Prerequisites:** ITN100  
**Contact hours:** By arrangement with the supervisor of the project. Minimum contact should consist of one meeting per week

**Credit points:** 48 (24 per semester in consecutive semesters)

► **ITN155 MAJOR PROJECT (DC)**

Designed to enable a part-time student to undertake significant research work in a particular area of information technology. Topic is decided by agreement between the student and a supervising staff member.

**Courses:** IT40 **Prerequisites:** ITN100 and 84 credit points in relevant postgraduate units  
**Contact hours:** 1 per week **Credit points:** 48

► **ITN160 RESEARCH PLAN (MIT BY RESEARCH)**

This unit is a research project. Normally, the unit will be followed by a masters thesis (96 credit points). The unit itself complements ITN100, and gives students the opportunity to pilot one phase of the proposed research program. It allows students to acquire necessary skills in a problem domain, review the applications of other researchers, and to implement a component of the proposed research. The unit also exercises students in preparing a well written research report.

## UNIT SYNOPSES

**Courses:** IT60

**Prerequisites:** ITN100

**Contact hours:** 3 per week   **Credit Points:** 12

### ► ITN162 PROJECT (IS)

An appropriately sized problem is formulated in consultation with one or more project supervisors, in either the School of Information Systems or the School of Computing Science and Software Engineering, and is usually associated with one of the research interests within the School. Student and supervisor must agree on a topic, scope and semester plan for the work to be attempted. At the end of the semester, the outcome of the investigation is presented to the School both orally and in written form.

**Courses:** IT35/IT40

**Prerequisites:** Minimum of 48 credit points in course units

**Credit points:** 24

**Campus offered:** GP                   **Semester:** 1, 2

### ► ITN164 PROJECT (CS)

An appropriately sized problem is formulated in consultation with one or more project supervisors, in either the School of Information Systems or the School of Computing Science and Software Engineering, and is usually associated with one of the research interests within the School. Student and supervisor must agree on a topic, scope and semester plan for the work to be attempted. At the end of the semester, the outcome of the investigation is presented to the School both orally and in written form.

**Courses:** IT35/IT40

**Prerequisites:** Minimum of 48 credit points in course units

**Credit points:** 24

### ► ITN165 PROJECT (DC)

Designed to enable a student to undertake research work in an area of information technology. Topic is decided by agreement between the student and a supervising staff member.

**Courses:** IT35/IT40

**Prerequisites:** 48 credit points in relevant post-graduate units

**Contact hours:** 1 per week   **Credit points:** 24

### ► ITN172 PROJECT (IS) (PART-TIME)

An appropriately sized problem is formulated in consultation with one or more project supervisors, in either the School of Information Systems or the School of Computing Science and Software Engineering, and is usually associated with one of the research interests within the School. Student and supervisor must agree on a topic, scope and semester plan for the work to be attempted. At the end of the semester, the outcome of the investigation is presented to the School both orally and in written form.

**Courses:** IT35/IT40

**Prerequisites:** Minimum of 48 credit points in course units

**Credit points:** 24 (12 per semester in consecutive semesters)

**Campus offered:** GP                   **Semester:** 1, 2

### ► ITN174 PROJECT (CS) PART-TIME

An appropriately sized problem is formulated in consultation with one or more project supervisors, in either the School of Information Systems or the School of Computing Science and Software Engineering, and is usually associated with one of the research interests within the School. Student and supervisor must agree on a topic, scope and semester plan for the work to be attempted. At the end of the semester, the outcome of the investigation is presented to the School both orally and in written form.

**Courses:** IT35/IT40

**Prerequisites:** Minimum of 48 credit points in course units

**Credit points:** 24 (12 per semester in consecutive semesters)

### ► ITN175 PROJECT (DCC)

Designed to enable a part-time student to undertake research work in a particular area of information technology. Topic is decided by agreement between the student and a supervising staff member.

**Courses:** IT35/IT40

**Prerequisites:** 48 credit points in relevant post-graduate units

**Contact hours:** 1 per week   **Credit points:** 24

### ► ITN185 MAJOR PROJECT (DC)

Each student will undertake a substantial project relevant to the needs of commerce or industry. Ideally, the project will be set in the student's workplace. Supervision of the Major Project will be provided by a QUT academic in collaboration with a responsible person from the organisation for whom the project is being undertaken.

**Courses:** IT50, IT95

**Contact hours:** 1 per week   **Credit points:** 48

### ► ITN186 MAJOR PROJECT (DC)

Each part-time student will undertake a substantial project relevant to the needs of commerce or industry. Ideally, the project will be set in the student's workplace. Supervision of the Major Project will be provided by a QUT academic in collaboration with a responsible person from the organisation for whom the project is being undertaken.

**Courses:** IT50, IT95

**Contact hours:** 1 per week   **Credit points:** 48

### ► ITN211 SYSTEMS ANALYSIS AND DESIGN

Systems Development Life Cycle, Systems Development Methods, Information Gathering, Process and Data Modelling, Automated Tools, Design techniques and Guidelines, Prototyping, Quality Assurance in information systems.

**Courses:** IT35/IT40, IT25, IT38/IT45

**Contact hours:** 3 per week   **Credit points:** 12

**Campus offered:** GP                   **Semester:** 1, 2

### ► ITN212 INFORMATION MODELLING FOR DATABASES

A database system may be viewed as a computer model that is composed of complex, long-lived information structures. This unit introduces the idea that, to be properly understood, a computer model must be formally specified. A specification language, in the form of the Z notation, is used to formulate unambiguous requirements for an information model. The entity-relationship (ER) approach is used to provide a graphical perspective on the model, which will be implemented via SQL. This is a foundation unit for the further study of database and information systems theory and practice.

**Courses:** IT38/IT45

**Contact hours:** 3 per week   **Credit points:** 12

**Campus offered:** GP                   **Semester:** 1, 2

### ► ITN218 APPLICATIONS PROGRAMMING

Rapid Application Development (RAD) tools are increasingly dominating the development of commercial applications. This unit introduces students to development methods for commercial information systems, the principles of using structured design techniques and the implementation of such systems using Object Oriented Event Driven Programming (OOED) using Visual Basic.Net (VB.Net), a programming environment that is used extensively in industry. VB.Net is the latest development of the Visual Basic Programming language with complete Object Oriented Programming environment using Common Language Runtime. Information Technology graduates are required to understand these new developments, features and trends in relation to implementing rapid and appropriate, timely business applications and deploying those applications in an organisation.

**Courses:** IT35/IT40, IT38/45

**Prerequisites:** ITN212, ITN410 (or equivalent)

**Contact hours:** 3 per week   **Credit points:** 12

**Incompatible with:** ITB218, ITN219

**Campus offered:** GP                   **Semester:** 1, 2

### ► ITN220 MAJOR ISSUES IN INFORMATION TECHNOLOGY

This unit explores aspects of Information Systems Technology judged to be of current or potential importance. These include matters relating to standards, emerging technologies as well as social and ethical considerations.

**Courses:** IF64, IT35/IT40, IT38/IT45

**Contact hours:** 3 per week   **Credit points:** 12

**Campus offered:** GP                   **Semester:** 1, 2

### ► ITN227 WEB APPLICATIONS

I) Design Elements for Interactive Web Front Ends. II) Architecture of web-enabled database applications. III) Database Design for web enabled database applications

**Courses:** IT35/IT40, IT38/IT45

**Prerequisites:** ITN212

**Contact hours:** 3 per week   **Credit points:** 12

**Campus offered:** GP                   **Semester:** 1, 2

### ► ITN228 ENTERPRISE SYSTEMS

I) ES Management, II) Technical Architecture of SAP R/3 as an exemplar Enterprise System III) A process walk through functional boundaries (spanning FI,MM,PP,CO) IV) The ES Lifecycle V) Implementation Processes VI) Implementation Issues VII) Integration with other systems (legacy and specialist) VIII) Systems Evolution IX) Case Study critique X) Future of Enterprise Systems.

**Courses:** IT35/IT40,IT38/IT45

**Prerequisites:** IT35/IT40: Nil, IT38/IT45: Completion of Block 1

**Contact hours:** 3 per week   **Credit points:** 12

**Campus offered:** GP                   **Semester:** 1, 2

### ► ITN232 DATABASE SYSTEMS

The unit introduces the theoretical foundations of databases, system implementation techniques, and gives an overview of emerging database technologies and applications.

**Courses:** IT38/IT45, IT35/IT40

**Prerequisites:** ITN212

**Contact hours:** 3 per week   **Credit points:** 12

**Incompatible with:** ITB232

**Campus offered:** GP                   **Semester:** 1, 2

### ► ITN233 ENTERPRISE SYSTEMS APPLICATIONS

I) Enterprise Systems Management, The SAP Example, The Enterprise Systems Lifecycle, II) The main modules of Enterprise Systems, Accounting (Financial Accounting, Controlling), Human Resource Management, Logistics (Materials Management, Production Planning and Control, Sales and Distribution), Integration of this modules, III) E-Commerce and Customer Relationship Management

**Courses:** IT38/IT45,IT35/IT40

**Prerequisites:** ITN228 (for IT38/IT45 students), BSB112 (for Business students), and BNB007 (for Engineering students)

**Contact hours:** 4 per week

**Credit points:** 12

**Campus offered:** GP                   **Semester:** 1, 2

### ► ITN234 INFORMATION ANALYSIS

Construction of the input to conceptual design. Formal and semantic techniques. The normalisation process. The integrity of relational databases. Modelling of non typical data.

**Courses:** IT38/45

**Prerequisites:** ITN212

**Contact hours:** 3 per week   **Credit points:** 12

**Incompatible with:** ITB234

**Campus offered:** GP                   **Semester:** 1

### ► ITN235 DISTRIBUTED OBJECT INFORMATION SYSTEMS

Object-Oriented fundamentals, distributed environments, and distributed technologies.

**Courses:** IT35/40,IT38/45

**Contact hours:** 3 per week   **Credit points:** 12

**Campus offered:** GP                   **Semester:** 1

### ► ITN236 OBJECT-ORIENTED ANALYSIS AND DESIGN

This unit extends the materials in Systems Analysis and Design. It focuses on the dynamic aspects of the Object Model which are required in order to develop complex systems. Object-oriented methodologies and methods are reviewed in order for the student to acquire some understanding of formal systems development. Design issues are then introduced, which covers object design, systems design and data storage. Students are required to complete a real life project using the above techniques.

**Courses:** IT35/40, IT38/45

**Prerequisites:** IT35/40: Nil, IT38/45: ITN211

**Contact hours:** 3 per week   **Credit Points:** 12

**Incompatible with:** ITB236,ITN221

**Campus offered:** GP                   **Semester:** 2

► **ITN243 KNOWLEDGE-BASED SYSTEMS**

Propositional and Predicate logic, knowledge representation, AND/OR graphs, semantic consequence, natural deduction, resolution.

**Courses:** IT38/IT45

**Prerequisites:** ITN212

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITN231

**Campus offered:** GP **Semester:** 1, 2

► **ITN245 R/3 SYSTEMS ADMINISTRATION**

Basic systems administration; Architecture of an R/3 system; Using the Computer Centre Management System (CCMS) to monitor the system; Concepts of database administration, backup and recovery, Use of the SAPDBA, BRBACKUP, and BRARCHIVE utilities for database administration functions; Management of Users, Authorisations and Profiles, Use of automated system administration tools provided with R/3.

**Courses:** IT30, IT35/IT40

**Prerequisites:** ITN232 (or equivalent)

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2

► **ITN246 MINOR PROJECT 1 (IS)**

Students may pursue a specialised area or broaden their knowledge in an area of relevance to their employment. Topic is decided by agreement between the student and a staff member acting a supervisor. A short 20 minute demonstration and/or presentation will be required before the due date for submitting the report in last week of the semester.

**Courses:** IT35/IT40

**Prerequisites:** At least 48 credit points completed

**Contact hours:** By arrangement with the supervisor of the project. Minimum contact should consist of one meeting per week.

**Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2

► **ITN248 MINOR PROJECT 2 (IS)**

Students may pursue a specialised area or broaden their knowledge in an area of relevance to their employment. Topic is decided by agreement between the student and a staff member acting a supervisor. A short 20 minute demonstration and/or presentation will be required before the due date for submitting the report in the last week of the semester.

**Courses:** IT35/IT40

**Prerequisites:** At least 48 credit points completed

**Contact hours:** By arrangement with the supervisor of the project. Minimum contact should consist of one meeting per week.

**Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2

► **ITN252 PROCESS ENGINEERING**

I) Process Management: Business Process (Re)Engineering, Process Innovation, The Process Life-Cycle, Process Modelling with ARIS, The SAP Reference Models. II) Organisational Units in SAP R/3: MM, SD, FI, CO. III) Implementing Enterprise Systems: A Process-oriented Approach, SAP IMG, ValueSAP, ARIS for mySAP.com, Solution Maps. IV) Benefits Realisation: RBE, PPM

**Courses:** IT30, IT35/IT40, IT38/IT45

**Prerequisites:** ITN220

**Contact hours:** 3 per week

**Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2

► **ITN253 CASE STUDIES IN ENTERPRISE SYSTEMS**

Topics include: system selection processes; process engineering; outsourcing; implementation issues (such as business process reengineering, benefits realisation and change management), alignment issues, relationship management.

**Courses:** IT30, IT35/IT40, IT38/IT45

**Prerequisites:** ITN220

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITN282

**Campus offered:** GP **Semester:** 1, 2

► **ITN254 INTERACTIVITY DESIGN**

Introduction to interactivity design and the usability engineering lifecycle; human cognition and perception and their effect on user interactivity; introduction to contextual analysis; the usability engineering life cycle; usability goal setting; planning and carrying out evaluation of interface designs; structured interactivity design methods; guidelines and standards for interface design; testing and evaluating interface designs; basics of support printed manuals, demonstration and discussion of prototypes.

**Courses:** IT30, IT35/IT40, IT38/IT45

**Prerequisites:** ITN211, ITN227 or equivalent or permission of Unit Coordinator.

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB254

**Campus offered:** GP **Semester:** 1, 2

► **ITN255 KNOWLEDGE MANAGEMENT**

The unit focuses primarily on three main areas of understanding: knowledge management fundamentals; the management of knowledge in consulting and advisory firms; and knowledge management as it relates to information management, strategic management, large scale information systems such as ES and the operation of software and hardware support organisations.

**Courses:** IT38/IT45, IT35/IT40

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB255

**Campus offered:** GP **Semester:** 1

► **ITN257 MULTIMEDIA SYSTEMS**

Multimedia Authoring; Cognitive aspects of multimedia; The Media Elements; Still images, vector images and text; Video and animation; Sound (wave form, MIDI, voice); Compression and transmission of multimedia; Hypermedia; Client/Server considerations for multimedia delivery; Programming development for multimedia; Combining media; The Future in Multimedia.

**Courses:** IT38/IT45, IT30/IT45

**Prerequisites:** ITN227

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB257

**Campus offered:** GP **Semester:** 1, 2

► **ITN258 ABAP PROGRAMMING**

Characteristics and features of the ABAP Workbench environment; ABAP data modelling tools; ABAP language basics; Principles of report and screen design; Development of reports and dialogue screens in ABAP; Coding transactions in ABAP.

**Courses:** IT38/IT45, IT35/IT40

**Prerequisites:** IT38/IT45: ITN223, IT35/40: Nil

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB258

**Campus offered:** GP **Semester:** 1, 2

► **ITN260 E-COMMERCE SITE DEVELOPMENT**

The aims of an electronic commerce site. The business objectives. Issues: design, software, databases, payment, staffing, hosting and maintenance. Applications development over the Internet. Producing and evaluating site quality.

**Courses:** IT38/IT45, IT35/IT40

**Prerequisites:** ITN257 or ITN524

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB260

**Campus offered:** GP **Semester:** 1, 2

► **ITN262 E-COMMERCE TECHNOLOGIES**

This unit provides an introduction to some of the information technologies being used to support electronic commerce. In particular, it will cover (1) Java-based technologies, including JDBC, servlets, and Java Server Pages, and (2) XML-based technologies, including XSL. The unit will also cover a number of applications of electronic commerce, including electronic services, catalogues, negotiation and trading.

**Courses:** IT38/IT45, IT35/IT40

**Prerequisites:** IT35/IT40: Nil, IT38/IT45:

ITN212 and ITN410

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2

► **ITN263 WEB INTELLIGENCE FOR E-COMMERCE**

The notions of agency, a taxonomy of intelligent agents, agent communication languages, the Belief-Desire-Intention agent model, Web-based intelligent information agents, agent-mediated electronic-commerce, collaborative filtering in Recommender systems, data mining methods for web content analysis, statistical approaches for Web users' profiling, automated negotiation in electronic market-places.

**Courses:** IT38/IT45, IT35/IT40

**Prerequisites:** Basic knowledge in sets, functions, and predicates (eg by completing ITN243 or ITN212); and basic Java 2 programming skill

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2

► **ITN264 INFORMATION SYSTEMS CONSULTING**

This unit examines the strategic and operational environment of an IS consulting firm. It looks at the lifecycle of an IS consulting engagement and the issues involved at each stage of that lifecycle. The marketplace for IS consulting firms is appraised to give students a better understanding of their positioning and the role of consultants within the different market sectors. Context is provided by examining specific IS consulting practices such as large scale software implementation, systems integration and development and IS Strategic Planning.

**Courses:** IT35/IT40, IT38/IT45

**Contact hours:** 3 per week **Credit Points:** 12

**Campus offered:** GP **Semester:** 1

► **ITN265 MANAGEMENT OF INFORMATION PROGRAMS**

Application of management techniques at different levels to information services, in particular libraries and library procedures; administrative structuring of libraries and the corporate environment; library technical and service divisions and the application of staff development, automation, performance evaluation and financial control to specific work areas; communication processes within libraries and between staff and users; leadership and professionalism in the context of libraries; human resource and financial planning; strategic planning.

**Courses:** IT38/IT45

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB265

**Campus offered:** GP **Semester:** 2

► **ITN266 PRINCIPLES OF INFORMATION MANAGEMENT**

To introduce concepts of management of information resources in organisational contexts. The effective management of information assets and utilisation of external information resources influences organisational performance. The various stages involved in the development of in-house information strategies, policies and systems are explored with reference to information as a resource. Approaches to the successful integration of technical and business skills for the tasks of information management are explored.

**Courses:** IT35/40, IT38/45

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB266

**Campus offered:** GP **Semester:** 1

► **ITN267 DATA WAREHOUSING FOR DECISION SUPPORT**

Taxonomy of Management Information Systems (FIS, EIS, GIS, MIS etc), Data Driven Decision Support Systems, Building Data Warehouses for Decision Support, Online Analytical Processing (OLAP) Interfaces, Data Mining for Decision Support.

**Courses:** IT35/40, IT38/45

**Prerequisites:** ITN212, ITN232

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITN242

**Campus offered:** GP **Semester:** 1, 2

► **ITN271 WORKFLOW MANAGEMENT**

Workflow Management as a perspective on Process Engineering, Benefits, Success Factors, Selection and Implementation, Workflow Modelling, Petri Nets, Workflow Patterns, Organisational Modelling, Workflow Architectures and

## UNIT SYNOPSES

Workflow solutions, Workflow-based process Controlling, Workflows on the Web.

**Courses:** IT38/IT45, IT35/IT40

**Prerequisites:** ITN252

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► ITN272 INFORMATION TECHNOLOGY PROJECT MANAGEMENT

Project Scoping, Benefits Realisation, Organisational Cultures, Group Dynamics and Communication within Teams, Risk Assessment and Quality Management, Projects Scheduling and Contingency Management

**Courses:** IT35/IT40, IT38/IT45

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2

### ► ITN322 INFORMATION RESOURCES

Managing information; database structure, basic searching; online industry; searching and the searching process; search strategies; online sources, Dialog etc, CD-ROMs; the Internet historical background and searching tools; management aspects of using external search services; and legal information sources; research and development information sources; demographic data; government resources; marketing information sources; patents, standards; census data, company annual reports; people as sources of information; ethics of information gathering.

**Courses:** IT38/IT45

**Prerequisites:** To have completed units in programming, rational database theory and systems analysis and design techniques

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB322

**Campus offered:** GP **Semester:** 2, 3

### ► ITN330 INFORMATION ISSUES

Concepts of information and associated information technology create fundamental issues for society, particularly in the political and social arenas. This unit explores the development of the information society concept and policy issues in both public and private organisations as well as professional bodies such as the Australian Computer Society and Australian Library and Information Association. Representative issues addressed are: information ownership, equity in information access, protection of information, Internet censorship and pornography, information overload, and other IT-related issues. Also examined are issues of professional responsibility and ethics in the information professions, a framework for ethical use of information in organisations, and the influence that legislation may have on information policy.

**Courses:** IT38/IT45

**Prerequisites:** To have completed units in programming, rational database theory and systems analysis and design techniques

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB330

**Campus offered:** GP **Semester:** 1, 2

### ► ITN335 DIGITAL LIBRARIES

The development of automated library systems based upon analysis of subsystems such as acquisitions, circulation, cataloguing, reference and information retrieval and special materials control; standards for description, distribution and retrieval of information in such systems; integration of subsystems; linking of systems into networks and organisation of document delivery, access to digital collections, knowledge representation and information retrieval from databases and resource discovery within a coordinated framework; digitisation programs and their management.

**Courses:** IT38/IT45, IT25

**Prerequisites:** ITN211

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB335 **Semester:** 2

### ► ITN336 INFORMATION SOURCES 1

Different media and the publishing process; primary, secondary and tertiary published information resources; lead-in tools, general reference tools, abstracting and indexing services (print and electronic); characteristics of resources in business, law, government, science, technology, health and medicine, humanities and social sciences; conducting a client interview; selecting a

database; selecting a database provider; developing a search strategy; designing a search query; the proliferation of Internet resources; web organization; search engines; digital reference services; reference, instruction and information literacy; management of the reference process, the value of information literacy competencies.

**Courses:** IT25

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► ITN337 INFORMATION ORGANISATION 1

Principles and strategies for organising information; the nature of information; theory of indexing and classification; the structure of bibliographic databases and bibliographic records; international standards for information organization; subject heading lists; library catalogues; indexing and abstracting services; library networks; adopting a client-approach to knowledge organization; developing personal heuristics for approaching unfamiliar technologies.

**Courses:** IT25

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► ITN338 INFORMATION RESOURCES PROVISION

An introduction to the concept of information and the relationship of information resource provision to community information needs and wants. The various media and formats used for the recording of information as well as the information content itself are analysed in terms of how well these meet the requirements of a variety of information end-users. The characteristics of the range of media producers/publishers are investigated from the point of view of how these media may be acquired and the equipment resource implications entailed. Topics related to the purchase and retention of resources are tackled in the light of possible alternative sources of provision and the information needs of the immediate clientele as well as the needs of the wider Australian community. The development of a collection policy document, collection evaluation, procedures for maintaining collection currency and the legal and ethical dimensions of information resource provision are also highlighted.

**Courses:** IT25

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB338

**Campus offered:** GP **Semester:** 2

### ► ITN339 PROFESSIONAL PRACTICE

This unit provides both an opportunity for students to spend a period of time in the professional working environment, and an opportunity to examine through a seminar series many of the issues that have an impact upon professionals working in information agencies with particular reference to libraries. It will provide a contemporary perspective of the role of libraries and information agencies; alternative approaches and technologies for information provision and dissemination; processes and techniques of communication; social and legal framework affecting information provision; the role of librarians and information professionals. Students will complete two fieldwork placements of fifteen days each. Their fieldwork placements are to be organised by the students, in conjunction with a faculty supervisor.

**Courses:** IT25 **Prerequisites:** ITN336, ITN337

**Contact hours:** 2 per week, plus 2 placements of three weeks

**Credit points:** 12 **Incompatible with:** ITB339

**Campus offered:** GP **Semester:** 2

### ► ITN350 INFORMATION CONTEXTS

Survey research methods; proposal writing; ethics in the provision of information resources and information services; marketing of information services; user education; referral services; an overview of programs providing information resources and services for persons with special needs; developing reliable and valid measuring instruments for program evaluation.

**Courses:** IT35/IT40, IT38/IT45

**Prerequisites:** Completion of IT25

**Credit points:** 12 **Campus offered:** GP

### ► ITN361 INFORMATION USER INSTRUCTION

This unit introduces students to principles and techniques for designing, implementing and evaluating instruction which will enhance their client's ability to work within contemporary information environments. Different approaches to information literacy and information literacy education will be considered, and ways of conceiving teaching and learning will be explored.

**Courses:** IT25, IT38/IT45, IT35/IT40

**Prerequisites:** ITN336, ITN337

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► ITN410 SOFTWARE PRINCIPLES

This unit will cover: a review of programming fundamentals in C; advanced programming techniques—recursion, dynamic memory allocation and pointer-linked structures, file input/output; the Abstract Data Type (ADT) concept and its expression in C; standard abstractions—stack, queue, sequence, table—and their implementations—arrays, linked lists, binary search trees, hash tables; algorithm analysis—complexity measures, the big-O notation; software engineering—analysis, specification, design coding, test planning and testing, documentation and life cycle. This unit provides students with practical experience in designing, implementing and testing software.

**Courses:** IT35/IT40, IT38/IT45

**Prerequisites:** Previous one-semester tertiary level programming unit using a modern block-structured language (eg Pascal, Modula, Ada, C, Java)

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP

### ► ITN412 TECHNOLOGY OF INFORMATION SYSTEMS

Topics include: Number systems, data formats, the CPU and memory, instructions in the computer, programming tools, input/output, computer peripherals, the user view of operating systems, the internal operating system and file management.

**Courses:** IT38/IT45

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB113, ITB412

### ► ITN413 COMPUTER ARCHITECTURE

This unit encompasses: The organisation of simple computer systems and the way in which hardware provides the basic facilities for the machine, Programming at the assembly language level (80x86 assembly language is used). The programming of input-output operations including the use of the interrupt mechanism which underlies operating system organisation of uni-processor systems

**Courses:** IT35/IT40, IT38/IT45

**Prerequisites:** ITB412 or ITB113

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB420

**Campus offered:** GP **Semester:** 1, 2

### ► ITN414 SOFTWARE DEVELOPMENT 3

The unit makes use of the C programming language as a tool for expressing abstraction and modular programming. Advanced table abstractions (balanced trees and hashing) are introduced along with the graph ADT, its implementation, and several common graph algorithms. Formal specification of programs is considered essential for abstract reasoning about data types and is integrated into the unit, as in the prerequisites.

**Courses:** IT35/IT40, IT38/IT45

**Prerequisites:** ITB411 or ITB112

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB421

### ► ITN415 OBJECT TECHNOLOGY

This unit builds on students' basic understanding of software engineering principles by considering the object-oriented paradigm for the design and implementation of a solution to a given software engineering problem. The implementation component builds on students' knowledge of the C programming language by teaching the C++ programming language.

**Courses:** IT35/IT40, IT38/IT45

**Prerequisites:** Knowledge of the C language and Abstract Data Types eg ITB421 or ITN410

## UNIT SYNOPSES

**Contact hours:** 3 per week    **Credit Points:** 12  
**Incompatible with:** ITB448

### ► ITN424 SOFTWARE ENGINEERING PRINCIPLES

This unit presents the principles of software engineering and the associated techniques and tools for producing software systems that are reliable, within budget, fully documented, and well tailored to requirements.

**Courses:** IT35/IT40, IT38/IT45

**Prerequisites:** ITB112 or ITN410 and ITB106 (A knowledge of Java is recommended)

**Contact hours:** 2.5 per week    **Credit points:** 12  
**Incompatible with:** ITB424

### ► ITN427 CONCURRENT AND DISTRIBUTED SYSTEMS

Unit is intended to provide students with an understanding of the process management, process communication and functions of modern operating systems, of notions of concurrency and parallelism, and of the nature and functions of distributed systems. Unit focuses on contemporary operating systems, UNIX windows, including use of Java and addresses related theoretical principles upon which such systems rely. Emphasis is on practical work, involving selected programming principles and algorithms used widely in development of system software for both large and small computer systems. Assignment work includes use of threads and remote method invocation for distributed programming. Other practical work covers scheduling, protection and UNIX process communication.

**Courses:** IT35/IT40, IT38/IT45

**Prerequisites:** ITN414 and ITN412 or equivalent units

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP    **Semester:** 1, 2

### ► ITN432 ADVANCED PROGRAMMING LABORATORY

This unit is designed to allow a team of students to develop their own solution to a large project acting as clients of an industry based partner. A software engineering approach is taken with the development of system documentation to support the system software that is developed.

**Courses:** IT38/45, IT35/40

**Prerequisites:** IT38/45: ITN424, IT35/40: ITN415 and ITN424

**Contact hours:** 3 per week    **Credit points:** 12

### ► ITN433 PROGRAMMING LANGUAGES

General language overview: syntax, semantics, and types. Study of a modern functional language: types, higher-order routines, polymorphism, algebraic data types, and I/O. Language processing: scanners, parsers, translators, interpreters and compilers, grammars, abstract vs concrete syntax, type rules and abstract machines. Examples, simple arithmetic expressions and a mini-programming language: EBNF and recursive descent parsing, interpretation, compilation, translation and simple type checking. Networking programming language processing.

**Courses:** IT35/IT40, IT38/IT45

**Prerequisites:** ITB112 Software Development 2

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** ITB433

### ► ITN440 GRAPHICS

This is a general introduction to the area of computer graphics. It includes topics on: geometric modeling (how to construct an object to be displayed); 2D and 3D transformation (how to move the object around); hidden surface removal, illumination and shading (how to make the object look realistic); the software that will enable this process to be implemented; and an understanding of the way the hardware (specifically the display technology) effects the graphical output of the software.

**Courses:** IT38/IT45, IT35/IT40

**Prerequisites:** ITN410 Software Principles

**Contact hours:** 3 per week    **Credit Points:** 12  
**Incompatible with:** ITB441    **Semester:** 1

### ► ITN446 MINOR PROJECT 1 (CS)

Students may pursue a specialised area or broaden their knowledge in areas of relevance to their employment. Topic is decided by agree-

ment between the student and a supervising staff member.

**Courses:** IT35/IT40, IT38/IT45

**Prerequisites:** 48 credit points in relevant post-graduate units

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP    **Semester:** 1, 2

### ► ITN449 MINOR PROJECT 2 (CS)

Students may pursue a specialised area or broaden their knowledge in an area of relevance to their employment. Topic is decided by agreement between the student and a supervising staff member.

**Courses:** IT35/IT40

**Prerequisites:** 48 credit points in relevant post-graduate units

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP    **Semester:** 1, 2

### ► ITN450 COMPILER LABORATORY

Students will work individually or in small groups on a project based around the .NET or JVM version of GP Component Pascal.

**Courses:** IT60, IT35/IT40, IT38/IT45

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP    **Semester:** 1

### ► ITN457 WINDOWS PROGRAMMING

The unit starts by using MFC (in Visual C++) to introduce the theory and practice of developing windows applications. Throughout the unit, MFC is contrasted with Visual Basic; comparing factors such as expressiveness, efficiency and ease of use. Emphasis will be placed on concepts that are common to all windows development environments, namely general windowing concepts, the underlying MS Windows API they are built from, and the event-based style of programming they require. The unit will also introduce a number of cutting-edge technologies such as ActiveX and component based development. Finally, MFC will be contrasted with other development environments, such as Borland C++Builder, Delphi, Java AWT, ASP, and DHTML. The new Microsoft .NET environment will also be introduced.

**Courses:** IT38/IT45, IT35/IT40

**Corequisites:** ITN448

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** ITB457

**Campus offered:** GP    **Semester:** 2

### ► ITN458 JAVA AND EXTENSIBLE PROGRAMMING

An introduction to the Java language, its standard libraries, the theoretical models underpinning the design decisions of language and libraries, the creation of Java applications and applets. Broader issues of runtime extensibility and the relationship to distributed connectivity. The unit is divided into three major modules: Object-Oriented Programming in Java (weeks 1-5); Advanced Language Features (weeks 6-9); and Distributed Connectivity (weeks 10-13).

**Courses:** IT35/IT40, IT38/IT45

**Prerequisites:** ITB421 or equivalent knowledge of Data Structures and C or ITN410 or ITN414

**Contact hours:** 3 per week    **Credit Points:** 12

**Incompatible with:** ITB458

### ► ITN464 MODERN COMPILER CONSTRUCTION

Regular expressions and context free grammars are introduced as convenient notations for formally specifying programming languages. The mechanical recognition of such languages is considered from a formal as well as practical/implementation point of view. Attribute grammars are discussed as a way of extending these simple recognisers into useful language translation tools. Intermediate forms such as abstract syntax trees and intermediate languages are examined as a bridge to machine code. Code generation for a realistic RISC machine is studied to give concrete results. The separate, but not independent compilation of modules will be discussed together with an introduction to code optimisation. Compiler-generator tools will also be discussed.

**Courses:** IT35/IT40, IT38/IT45

**Prerequisites:** ITN414

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP    **Semester:** 1

### ► ITN469 UNIX SYSTEM PROGRAMMING AND ADMINISTRATION

Unit introduces students to the inner workings of the UNIX operating system. The unit commences by examining the requirements of administering a simple LINUX system, including a study of UNIX shell scripting. This is followed by a broad examination of the architecture of the UNIX operating system. Topics covered include: UNIX kernel, structure of file subsystem, process management, Scheduling, device I/O and inter-process communication (IPC). Finally, the unit concludes with an introduction to the security aspects of LINUX/UNIX operating system.

**Courses:** IT35/IT40, IT38/IT45

**Prerequisites:** ITN426 or ITN427

**Contact hours:** 3 per week    **Credit Points:** 12

### ► ITN470 WINDOWS 2000 SYSTEM PROGRAMMING AND ADMINISTRATION

The unit comprises four main blocks: Windows 2000 architecture and functional objectives; Windows 2000 input output architecture and networking support; Performance monitoring and troubleshooting and; System configuration and resource management

**Courses:** IT35/IT40, IT38/IT45

**Prerequisites:** ITN427

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP    **Semester:** 2

### ► ITN510 DATA COMMUNICATIONS

An introduction to telecommunications and data communications networks with specific reference to the World Wide Web (WWW), Local Area Networks (LANs) (eg Ethernet), Wide Area Networks (WANs), and communications architectures (eg TCP/IP). An overview of network management and network security issues.

**Courses:** IT35/IT40, IT38/IT45

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** ITB510

### ► ITN523 DATA SECURITY

IT systems are increasingly used to store, process and exchange information. This unit enables students to identify security issues with information systems used by entities ranging from a single user to a large organisation. Upon completion of the unit, students should be able to understand major information security goals, describe and identify threats to information security and demonstrate knowledge of available counter measures and controls.

**Courses:** IT38/IT45, IT35/IT40

**Prerequisites:** IT38/IT45: ITN510

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** ITB523

**Campus offered:** GP    **Semester:** 1, 2

### ► ITN524 INTERNETWORKING

This unit covers in some detail the theory and practice of internetworks through an understanding of the operation of the TCP/IP protocol suite, including the routing of IP packets, the operation of TCP, and the role of the major auxiliary protocols. Other features and functions of internetworks are also considered. The unit has a significant hands-on component.

**Courses:** IT35/IT40, IT38/IT45

**Prerequisites:** IT35/IT40: Nil, IT38/IT45:

ITN510

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** ITB524

**Campus offered:** GP    **Semester:** 1, 2

### ► ITN525 NETWORK ADMINISTRATION

Network Administration introduces you to the responsibilities and skills required by a local area network (LAN) administrator. You will be encouraged to develop your own approach to solving problems encountered in installing and managing a multi-user networked environment in a diverse and rapidly changing world. The skills you will acquire will enable you to efficiently administer a LAN as a world class IT professional.

**Courses:** IT35/IT40, IT38/IT45

**Prerequisites:** ITN524

**Contact hours:** 3 per week    **Credit points:** 12  
**Incompatible with:** ITB525, ITB535

**Campus offered:** GP    **Semester:** 1, 2

## UNIT SYNOPSES

### ► ITN527 NETWORK TECHNOLOGIES

The unit covers a detailed study of Internetworking technologies available to the wide area network (WAN). Contemporary issues in networking will also be visited in discussing the choice of technologies available for use in the wide area Network. Because of the rapidly changing nature of the field, an opportunity to discuss latest developments in Data Communications is allowed for at the end of the semester.

**Courses:** IT30, IT35/IT40, IT38/IT45

**Prerequisites:** ITN524

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB527, ITN540, ITB538

**Campus offered:** GP **Semester:** 1, 2

### ► ITN529 NETWORK SERVICES

This unit develops your practical knowledge of the design, implementation and operation of web based network services by using scripting programming languages. The unit involves the study of network protocols, models of client-server systems, CGI script programming, middleware, super-servers, and the security of client-server systems.

**Courses:** IT35, IT38, IT40, IT45

**Prerequisites:** IT38, IT45: ITN524, ITN410;

IT35, IT40: ITN524

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB529

**Campus offered:** GP **Semester:** 1, 2

### ► ITN531 NETWORK SECURITY

This unit considers the security and control aspects of distributed data networks with particular reference to both global and national information infrastructures. Underlying security technologies are considered within a broader legal and standards environment for the protection of enterprise networks, particularly as electronic commerce activities gather pace. Research topics in this area will also be identified.

**Courses:** IT30, IT35/IT40, IT38/IT45

**Prerequisites:** ITN566 or ITN569

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► ITN533 COMPARATIVE NETWORK SYSTEMS

In this unit, students will complete laboratory exercises as a Microsoft Windows network administrator. Topics include: performance, fault, configuration and security management, registry management, customisation of off-the-shelf products, file systems, printing, user administration and interfacing with other networks, such as Novell NetWare and Unix. This unit should assist those who are interested in becoming a Microsoft Certified Systems Engineer (MCSE).

**Courses:** IT35/IT40 **Prerequisites:** ITN525

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB533

**Campus offered:** GP **Semester:** 1

### ► ITN536 TOPICS IN SECURITY

Puts the role of security services and mechanisms into perspective; demonstrates how security services can form part of a secure system; makes use of case studies to illustrate real-world problems; typical case studies may include: secure electronic mail, electronic commerce, security of medical information, secure mobile communications, satellite TV; each student will conduct their own case study of a particular application.

**Courses:** IT30, IT35/IT40, IT38/IT45

**Prerequisites:** ITB523/ITN523\* or

ITB566/ITN566\*

**Corequisites:** \*Unit can be taken as a corequisite

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► ITN551 NETWORK PLANNING

Strategic planning and network technology; networked business applications; analysing and assessing networking opportunities; determining networking requirements; local and wide area network design issues; future planning.

**Courses:** IT35/IT40 **Prerequisites:** ITN527

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB551

**Campus offered:** GP **Semester:** 2

### ► ITN556 ADVANCED TOPICS IN CRYPTOLOGY

Design and cryptanalysis of ciphers; in-depth study of methods for forming secure ciphers and attacking various ciphers; secret sharing schemes; crypto-protocols, including zero knowledge systems; current topics in cryptology.

**Courses:** IT30, IT35/IT40

**Prerequisites:** ITN566

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► ITN564 APPLICATION SERVICES

The unit describes the role of networked object-oriented applications for data communications in a modern technological environment and examines their design and implementation. It covers basic concepts and terminology; the standards used by industry; client server design methodologies; client software and server software for object-oriented data communications involving distributed data and distributed processing on networks; and collaborative computing.

**Courses:** IT35/IT40, IT38/IT45

**Prerequisites:** ITN529 or ITN458

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB564

**Campus offered:** GP **Semester:** 2

### ► ITN565 NETWORK MANAGEMENT

Management of a large network is significantly more difficult than the administration of a small network, and requires significant additional knowledge and skills. Many Data Communications graduates will be required to manage such networks. This unit will introduce the student to the essential issues in network management, and provide appropriate experience in the configuration and operation of network management systems.

**Courses:** IT35/IT40 **Prerequisites:** ITN525

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB565

**Campus offered:** GP **Semester:** 1, 2

### ► ITN566 INTRODUCTION TO CRYPTOLOGY

This unit provides students with a background in the fundamental concepts of cryptology, both in the areas of cryptography and cryptanalysis. Topics include: classical, modern and public key ciphers; practical cryptology.

**Courses:** IT35/IT40, IT38/IT45

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB566

**Campus offered:** GP **Semester:** 1

### ► ITN568 WIRELESS NETWORKS

Wireless communications is rapidly becoming a more and more important part of everyday life. This unit aims to give the students the skill to be able to design and manage different types of wireless communication systems. Technologies to be covered include GSM, CDMA, Bluetooth, IEEE 802.11, WAP and Third Generation wireless networks. A demonstrative and experimental approach will be taken to assist with developing the student's understanding. Students will also learn through undertaking small projects in the area.

**Courses:** IT35/IT40 **Prerequisites:** ITN527

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB568

**Campus offered:** GP **Semester:** 2

### ► ITN569 NETWORK SECURITY FOR E-COMMERCE

Network Security is required for all internet-networked information systems. This advanced unit builds upon prior knowledge in data security and develops your practical knowledge of E-Commerce security. Implementation of security at every level of the current network models and architectures are investigated. From this, the development of policies and procedures will be formed, which will provide the structure for the implementation of secure E-commerce systems.

**Courses:** IT38/IT45, IT35/IT40

**Prerequisites:** ITN523

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB569

**Campus offered:** GP **Semester:** 1

### ► JSB131 FRAMING SOCIAL JUSTICE

The Justice Studies degree is about producing competent justice professionals. In order to achieve this purpose, this degree combines knowledge of the criminal justice system with an understanding and appreciation of the complexities of social justice. The purpose of this unit is to introduce students to the structural parameters of social justice.

**Courses:** JS31, LW41, LW42

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** JSB101, JSB011

### ► JSB132 PROFESSIONAL SKILLS

The effectiveness of justice professionals is measured by their ability to communicate and investigate, and it is these two skills which form the basis for much of the day to day work performed by justice studies students and justice professionals. This unit introduces basic skills in research and written and oral communication in order to lay a successful foundation for academic and professional achievement.

**Courses:** JS31, LW42, LW41

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** JSB012 and JSB014

### ► JSB133 LAW AND GOVERNMENT

The justice professions have as their common factor an involvement in the process of law, and particularly the administration of law and law enforcement. The increasing role of governments in law-making is a significant feature of modern times. This unit introduces you to the concepts of law and government. It examines the role of government in making and administering the law and encourages you to start thinking critically and analytically about legal, political and justice issues. Law and government provides those of you who intend to work in the justice system with a foundation framework of key legal and political information and knowledge. You will use this knowledge throughout your studies and in your future professional careers.

**Courses:** JS31

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** JSB103, JSB013

### ► JSB134 SOCIAL ETHICS AND THE JUSTICE SYSTEM

It is essential for those working in the justice system to be able to competently and confidently work at the borders between ethics and the law. Ethical ability will enable practitioners to critically assess the moral status of current laws, to interpret acceptable standards of behaviour in situations not covered by the laws, as to develop shared understandings of moral responsibility in justice organisations and the wider community.

**Courses:** JS31, LW42, LW41

**Contact hours:** 3 per week **Credit points:** 12

### ► JSB135 UNLOCKING CRIMINAL JUSTICE

The Justice Studies Degree is about producing competent Justice Professionals. In order to achieve this purpose, this degree combines knowledge of the criminal justice system with an understanding and appreciation of the complexities of social justice. This unit in particular focuses on the theoretical and practical relationship between social justice and criminal justice by examining not only the concepts of human rights, equality, social justice and citizenship, but asking students to apply this knowledge to a series of practical situations. This application happens throughout the lectures and tutorials as well as within the assessment.

**Courses:** JS31, LW41, LW42

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** JSB202, JSB015

### ► JSB136 FORENSIC PSYCHOLOGY AND THE LAW

Forensic Psychology is readily acknowledged as one of the fastest growing areas of psychology in the world. The domain of forensic psychology concerns itself with the behaviour of people involved in the justice system, in particular, the criminal and civil components of the legal justice system. By its very nature forensic psychology draws from a wide multi-disciplinary base for the application of its specialised knowledge. Hence, you will need a broad introductory appreciation

and critical perspective on what forensic psychology involves and has to offer in relation to the Law and the practice of it by a range of practitioners within the legal justice system.

**Courses:** JS31, LS42, L41

**Contact hours:** 3 per week **Credit points:** 12

► **JSB137 POLITICS OF LAW**

In the Politics of Law you will develop your knowledge and understanding of legal and criminal justice processes. This knowledge is important because it will inform your study in other units in the course and equip you with the necessary understandings to enter employment in the Justice System. The unit will also provide you with knowledge necessary to act responsibly as an informed citizen in Australian society. In addition to an understanding of criminal justice related issues, this unit helps you to build on your understanding of the relationship between law and society, as well as develop problem-solving skills appropriate to a legal and justice context.

**Courses:** JS31

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** JSB216, JSB017

► **JSB138 CRIMES OF VIOLENCE**

Justice students work, or hope to work as justice professionals in areas related to the criminal justice system or human rights. They need an understanding of fundamental principles of criminal law and of social justice issues related to criminal law. Of particular importance for these students is an understanding of issues pertaining to violent crimes as such crimes will play a focal role in their work.

**Courses:** JS31, LW41, LW42

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** JSB201, JSB022

► **JSB231 UNDERSTANDING CRIMINOLOGY**

This unit deals with formal criminological theories of crime and crime control. Particular attention is drawn to various concepts, assumptions and propositions contained in criminological theories and the contribution which criminological knowledge has made to advancing our understanding of crime and crime control. Criminological theories are viewed as integral to a range of governmental practices aimed at ensuring the regulation and control of particular 'problem populations'. The unit develops an analytical framework in order to critically assess the epistemological claims and justifications found in all formal articulations of criminological theory. Knowledge derived from this unit is applicable to a critical understanding of all professional and popular theories of crime.

**Courses:** JS31, LW41, LW42

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** JSB107, JSB018

► **JSB232 YOUTH JUSTICE**

This unit is concerned with the way in which a 'youth crime problem' is constructed and the implications of this for particular cohorts of young people in contemporary Australia. It is also concerned with the administration and management of youth crime through formal systems designed to prevent and reduce unlawful acts. Particular attention is drawn to the historical development of youth justice in Australia and to the changing nature of youth crime control across jurisdictions. Contemporary articulations of youth crime control are examined in relation to Queensland's system of youth justice, particularly as this relates to young indigenous people, young women and those from various social classes and ethnic groups. Theoretically, the unit takes as its starting point a genealogical analysis that focuses on questions of knowledge, power, regulation and discipline. These are discussed in relation to the contemporary government of young people in Australia and other 'western' countries.

**Courses:** JS31, LW41, LW42

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** JSB041

► **JSB233 CRIME AND COMMUNITY CORRECTIONS**

Prisons are the visible tip of the iceberg of punishment and correction in our society - Community Corrections is the beneath-the-surface bulk. The ratio of persons in prison to persons on Community Corrections Orders, across Australian jurisdictions, is approximately 1 to 3. Even though a significant proportion of those under Community Correction supervision are fine defaulters (and have committed only minor offences), it remains the case that a significant majority of those labelled 'deviant' by our police and judicial systems never go to prison. How did we arrive at this situation? We need to study the philosophical and ideological evolution of probation, parole and other alternative sanctions if we are to understand current community corrections systems.

**Courses:** JS31, LW41, LW42

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** JSB317, JSB073

► **JSB241 INTRODUCTION TO INVESTIGATIONS AND POLICING**

As a consequence of the changing nature of society and the criminal justice system various investigatory agencies have been established to deal with the designated investigations as well as possible breaches of any accompanying legislation. As the police make up a major part of the Criminal Justice System, it is the police who predominantly instigate criminal justice procedures which follow-on to involve other components of the Criminal Justice System. Due to the diversity of both public and private agencies becoming involved in the investigative process it is important that students grasp an understanding of the machinery of this process. Also it is considered important that students are aware of and understand the development of policing up to and including the modern democratic state, the relationship between the State, the police and justice administration, and the concepts of 'enforcement - service'.

**Courses:** JS31, LW42, LW41

**Contact hours:** 3 per week **Credit points:** 12

► **JSB242 CRIMINAL LAW IN CONTEXT**

Justice students work, or hope to work as justice professionals in areas related to the criminal justice system or human rights. They need an understanding of fundamental principles of criminal law and of social justice issues related to criminal law. Those students undertaking the Investigations, Intelligence and Policing major need to understand issues of criminal procedure and due process as well as specific contexts of criminal law.

**Courses:** JS31, LW41, LW42

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** JSB204, JSB024

► **JSB243 INTELLIGENCE LED INVESTIGATIONS**

Intelligence Led Investigations is the final unit for the Major in Investigation, Intelligence and Policing. Intelligence is increasingly taking a leading role in investigations with analysts setting a direction for criminal investigation teams. The unit exposes students to the essentials of the intelligence system, the intelligence process and creative problem solving skills. Intelligence professionals are also concerned with support to government, the private sector and the community. Intelligence offers an advantage through the provision of accurate and timely advice. Intelligence requires proficiency in thinking strategies and skills, interpersonal effectiveness skills, teamwork and application of intelligence process methodologies in a variety of cultural contexts.

**Courses:** JS31, LW41, LW42

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** JSB211, JSB061

► **JSB251 POLICY, GOVERNANCE AND JUSTICE**

Many important public policies concern issues of law and justice. As justice professionals, you may very likely be involved in your future careers in the development, analysis or implementation of criminal and social justice policies. Your involvement may be directly through government or through the community sector and interest groups. A theoretical and practical un-

derstanding of good policy making and the role of law and policy in governance will be an advantage for your career and citizenship roles.

**Courses:** JS31, LW41, LW42

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** JSB081

► **JSB252 CITIZENSHIP AND JUSTICE**

Society demands certain responsibilities from people once they become adults. Legal rights and responsibilities apply to adult citizens in our society whenever they engage in social relations. Some of the most important of these rights and responsibilities involve the law and occur in the areas of property, family, employment and social welfare. This subject is concerned with an analysis of the legal rights and responsibilities of adult citizens in Australia in terms of owning property, being involved in relationships, being employed or unemployed, and receiving welfare from the government.

**Courses:** ED50, JS31, LW41, LW42

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** JSS005, JSB082

► **JSB253 WATCHDOGS: WARRIORS, WIMPS AND WITCH-HUNTS**

Recent growth of government activity and regulation means that strong powers have been granted to non-elected officials and the agencies they are employed by, often to perform an oversight role on public administration. Justice professionals need to know the range of agencies with such watchdog roles, and their powers and responsibilities. A good understanding of the theoretical and political framework within which the investigative and other powers of oversight agencies are exercised and utilised is important for those who may carry out, evaluate or critique the powers of such watchdogs. Citizens and justice professionals need to understand the proper use of these powers by organs of the State, as well their role, power and responsibilities in terms of public accountability. A critical perspective allows examination of whether watchdogs are toothless tigers or determined dingoes, necessary understanding for anyone concerned with accountable public administration.

**Courses:** JS31, LW42, LW41

**Contact hours:** 3 per week **Credit points:** 12

► **JSB331 PRISONS AS INDUSTRY**

The modern Western prison has a two hundred year history. That history follows no Darwinian pattern of evolutionary logic. Instead, it fits and starts, it lurches forward and leaps backwards, seemingly often at the individual whim of powerful bureaucrats rather than in response to any dominant public discourse of the time.

What does the near future hold? More prisons, less prisons or none? The technological push, increasing privatisation and expanding captive labour forces all have implications for the future of the prison. To what extent will political and economic imperatives, rather than social discourse, dictate the future of our prisons? This unit sets out to examine the future of punitive incarceration.

**Courses:** JS31, LW41, LW42

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** JSB318, JSB074

► **JSB332 CRIME CONTROL AND GOVERNANCE**

This unit deals with the way in which crime control is administered in western neo-liberal states, with specific reference to Australia. Based on a critical criminological perspective, the unit considers contemporary 'cultures of crime control' as part and parcel of a governmental approach to the attempted management of 'problem populations' in the neo-liberal state. The key questions to be addressed in this unit are: How can we understand the current nature and extent of crime control in a country like Australia? How might a genealogical perspective assist us in developing such an understanding? How and why are cultures of crime control changing? What are the major present-day rationalities of punishment? What are the prospects for crime and punishment in the twenty-first century? How might 'globalisation' impact on such developments?

**Courses:** JS31, LW41, LW42

## UNIT SYNOPSES

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** JSB304, JSB021

### ► JSB333 RESPONDING TO CRIME

Current directions in research on the 'crime problem', based in developmental and cognitive psychology, outline a complex web of intervention in the lives of 'at risk' populations. This shift from a reactive crime control model to a pro-active crime prevention model, has been embraced by governments at both state and federal level in Australia and elsewhere. Students intent upon working in the criminological field need to fully understand both the strengths and weaknesses of this new way of understanding crime. Most important however, will be the implications of such a major shift in the control of 'criminal populations', which is well beyond the scope of the traditional criminal justice system.

**Courses:** JS31, LW41, LW42

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** JSB044

### ► JSB341 INVESTIGATIONS, EVIDENCE AND POLICE POWERS

Students endeavouring to undertake employment within the Justice System need to be introduced to a core component of that System, namely, the criminal law particularly Police Powers and evidence. This unit of study will provide a comprehensive knowledge base of some of the principles, rules and concepts of police powers and selected evidentiary components. This together with an understanding and application of these principles, concepts and rules to selected situations will ensure a better analysis and appreciation of the workings of the Criminal Justice System as a whole.

**Courses:** JS31, LW42, LW41

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** JSB031, JSB051

### ► JSB342 ORGANISED CRIME

The apparent growth of organised crime, both nationally and internationally, in recent years has resulted in a deepening commitment on the part of law enforcement agencies to its suppression. Although not confined to the association with illicit drugs, the so-called drug trade is a major enterprise behind the proliferation of organised crime. Another consequence of organised crime is the development of corruption through the diverse levels of society. Students therefore will gain an understanding of the historical development, social perceptions and consequences and the perceived extent of organised crime. Students will also consider the strategies employed to combat organised crime including the extent of investigations and/or Commissions of Inquiry documented to date.

**Courses:** JS31, LW41, LW42

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** JSB310, JSB053

### ► JSB343 FUTURE POLICING STRATEGIES

The role of policing has changed considerably since its inception. The last decade or so has been particularly transient. The enforcement emphasis that was previously promulgated has been refocused towards service to the community and problem solving in collaboration with the community, not wholly resting with the police agencies. In addition, the advancements in technology and overall societal changes have also impacted on the role of policing within contemporary society. On this basis students undertaking this unit will be exposed to some of the issues that require further debate and analysis as we move into the 21st century.

**Courses:** JS31, LW41, LW42

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** JSB054

### ► JSB351 ADMINISTRATIVE JUSTICE

It is essential that justice professionals know and understand the rules of administrative law as well as the underlying philosophy of administrative justice so that those working in the public sector understand the rules that guide their decision making as well as the avenues of appeal from any decision they make. Those working in the community sector need to know how to question administrative decisions and actions and be

able to challenge the power of government when it contravenes principles of administrative justice. The unit is organised around theoretical perspectives of democracy, specifically participation and accountability, and examines mechanisms of State accountability, their philosophy and practice so as to provide a strong working knowledge of the administrative justice system and its legal, social and political environment.

**Courses:** ED50, JS31, LW41, LW42

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** JSB083

### ► JSB352 INDIGENOUS JUSTICE

It is essential that justice professionals know and understand the rules of administrative law as well as the underlying philosophy of administrative justice so that those working in the public sector understand the rules that guide their decision making as well as the avenues of appeal from any decision they make. Those working in the community sector need to know how to question administrative decisions and actions and be able to challenge the power of government when it contravenes principles of administrative justice. The unit is organised around theoretical perspectives of democracy, specifically participation and accountability, and examines mechanisms of State accountability, their philosophy and practice so as to provide a strong working knowledge of the administrative justice system and its legal, social and political environment.

**Courses:** JS31, LW42, LW41

**Contact hours:** 3 per week **Credit points:** 12

### ► JSB353 GLOBAL JUSTICE

Debates over the protection and enforcement of human rights norms within the Australian social, legal and political landscape are increasingly prevalent. The influence and impact of human rights standards in the enactment of legislation, policy and public administration needs to be understood by all justice professionals, particularly since moves by the High Court in the last decade to increasingly recognise and incorporate international human rights norms into Australian law. Similarly, knowledge and understanding of Australia's international, regional and domestic human rights obligations and activities are vital for all justice professionals. An understanding of the theoretical and practical frameworks of human rights norms and their influence in global justice is necessary to foster a critical appreciation of Australia's position and role in the enhancement of global justice.

**Courses:** ED50, JS31, LW41, LW42

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** JSB314, JSB084

### ► JSB401 APPLIED CRIMINOLOGY

Expands knowledge of theories of criminality and an understanding of criminology as a discipline. In particular, the unit examines key and emerging debates within criminology and invites students to apply theoretical knowledge to contemporary, practical situations. Issues to be canvassed will include fear of crime, crime prevention strategies, white collar crime, criminal careers and the over-representation of indigenous people in the criminal justice system.

**Courses:** JS40

**Credit points:** 12

### ► JSB405 JUSTICE ORGANISATIONS

In justice organisations, whether they are government or non-government, dynamics operate that mark the organisation as more or less effective, efficient or accountable. The culture of a particular organisation underpins much of what occurs both internally and in its external relationships. The dynamics and the culture can be understood from a variety of perspectives. It is important that serving professionals or those seeking entry into such organisations have some understanding of the issues that impact on organisational culture and attitudes as it relates to justice organisations.

**Courses:** JS40

**Contact hours:** 3 per fortnight **Credit points:** 12

### ► JSB406 THESIS 2

Students are required to submit a research thesis of approximately 15000 words. It is expected that the thesis will be based upon an empirical

study of a particular field related to the Justice professions.

**Courses:** JS40

**Prerequisites:** JSB404

**Credit points:** 36

### ► JSB407 THESIS 3

Part-time students are required to submit a research thesis of approximately 15000 words. It is expected that the thesis will be based upon an empirical study of a particular field related to the Justice professions.

**Courses:** JS40

**Prerequisites:** JSB404

**Credit points:** 12

### ► JSB408 THESIS 4

Part-time students are required to submit a research thesis of approximately 15000 words. It is expected that the thesis will be based upon an empirical study of a particular field related to the Justice professions.

**Courses:** JS40

**Prerequisites:** JSB404

**Credit points:** 24

### ► JSB411 THEORIES OF JUSTICE 1

Arguments concerning perceived problems of justice and injustice usually reveal conflicting ideas about what justice actually means both theoretically, and in practice. Students who are to graduate with honours in a Bachelor of Justice require a sophisticated level of understanding of theories of justice in a social and criminal context if they are to effectively apply in practice the content knowledge they have acquired in the course of their study.

**Courses:** JS40

**Contact hours:** Regular meetings with supervisor

**Credit points:** 12 **Incompatible with:** JSN001

### ► JSB412 LITERATURE REVIEW

Employment as a researcher in government departments and justice agencies and the successful undertaking of higher degree study require an ability to independently design and execute complex research projects. The Honours year is often the first time that students have been required to research independently. An integral part of good research is the establishment of parameters within which their research should proceed. Knowledge of the literature in and around the chosen topic is vital to establishing the basis of a good research project. This unit will provide students with an opportunity to become thoroughly familiar with the bibliography of specialised literature relevant to their nominated field of research and to appreciate the significance of literature reviews to larger research projects.

**Courses:** JS40

**Contact hours:** 3 per week **Credit points:** 12

### ► JSB413 COLLOQUIUM

To engender support for on-going projects and to enlist the co-operation and/or collaboration of peers and superiors it is necessary for researchers to be able to make effective oral and multi-media presentations about their work. Students embarking upon an honours year of specialised research, require support, a collegial atmosphere for their work, regular contact with peers and supervisors and the opportunity to discuss their research, defend its parameters and to acquire skills of critique and analysis.

This unit will offer honours students an opportunity to acquire these skills in a supportive and collegiate atmosphere.

**Courses:** JS40

**Contact hours:** 3 per fortnight **Credit points:** 12

### ► JSB414/1 THESIS 1

A research thesis is the major component of the Honours course. It provides students with an opportunity to conceive, design and execute a major research project with specialist supervision. This unit in conjunction with thesis 2, 3 and 4 is a major part of the Honours program and begins the process of thesis conceptualisation and formulation. Together with the unit, Literature Review, this unit provides the first semester preparation for the honours dissertation.

**Courses:** JS40

**Contact hours:** Regular meetings with supervisor

**Credit points:** 12 **Incompatible with:** JSB404



## UNIT SYNOPSES

### ► JSB414/2 THESIS 2

This unit comprises the further research and writing of the honours dissertation, under the direction of the supervisor. The production of the honours dissertation is the main objective of the honours program. Justice Studies students successfully completing the honours year will have acquired high level research and writing skills relevant to both higher degree study and a career in the justice professions.

**Courses:** JS40

**Prerequisites:** JSB414/1

**Contact hours:** Regular meetings with supervisor

**Credit points:** 12 **Incompatible with:** JSB406

### ► JSB414/3 THESIS 3

This unit comprises the further research and writing of the honours dissertation, under the direction of the supervisor. The production of the honours dissertation is the main objective of the honours program. Justice Studies students successfully completing the honours year will have acquired high level research and writing skills relevant to both higher degree study and a career in the justice professions.

**Courses:** JS40

**Prerequisites:** JSB414/1, JSB414/2

**Contact hours:** Regular meetings with supervisor

**Credit points:** 12 **Incompatible with:** JSB407

### ► JSB414/4 THESIS 4

This unit comprises the further research and writing of the honours dissertation, under the direction of the supervisor. The production of the honours dissertation is the main objective of the honours program. Justice Studies students successfully completing the honours year will have acquired high level research and writing skills relevant to both higher degree study and a career in the justice professions.

**Courses:** JS40

**Prerequisites:** JSB414/1, JSB414/2, JSB414/3

**Contact hours:** Regular meetings with supervisor

**Credit points:** 12 **Incompatible with:** JSB408

### ► JSB931 INDEPENDENT STUDY

In the course of their study, Justice Studies students may discover an area that is of particular interest to them, or which has specific relevance to their intended professional orientation. This unit gives students the opportunity to extend aspects of their coursework or professional interests in more depth as well as to continue the process of refining and developing research skills.

**Courses:** JS31, LW41, LW42

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** JSB312, JSB092

### ► JSB932 ALTERNATIVE JUSTICE PROCESSES

Conflict is inevitable in society. A major aim of any justice system must be to manage and resolve conflict through efficient, effective and equitable processes. This unit will equip you with the knowledge, understanding and skill needed to work effectively as a professional in the Justice system. You will develop an understanding of concepts of conflict and critically examine a number of models of conflict resolution from the formal adjudication of the legal system, to the less structured forum of mediation, to the process of negotiation. The unit will also help you to develop the professional and interpersonal skills necessary for you to manage conflict effectively in a variety of contexts relevant to the Justice system.

**Courses:** JS31, LW41, LW42

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** JSB032

### ► JSB933 CRIME RESEARCH METHODS

It is essential that students undertaking research projects both professionally and academically, have a solid knowledge and understanding of research design and analysis. This subject builds upon research skills acquired in first and second year study and is thus intended to provide advanced knowledge and skills in research design and methodology for use in the fields of criminal justice, justice administration and criminology.

**Courses:** JS31, LW41, LW42

**Contact hours:** 3 per week **Credit Points:** 12  
**Incompatible with:** JSB043

### ► JSB934 PROFESSIONAL PLACEMENT

In order to operate effectively in the workplace students will need to be able to connect and apply the knowledge and theory they have gained from the other units in the course to the practice of the profession in which they gain employment.

**Courses:** JS31, LW42, LW41

**Corequisites:** 240 credit points and minimum GPA of 5

**Credit points:** 12

### ► JSB935 CONTRACTUAL JUSTICE

We are surrounded, in our day to day adult lives, with legally binding promises. These can range from relatively simple promises like purchasing a train ticket to far more complex million dollar deals. It is through the law of contract that we can understand these promises and the ways in which they become legally binding. It is important that legal and justice studies students understand the nature of contractual promises as they will be particularly involved with them in their working lives, and will need to be aware of what characterises contractual promises, how they are interpreted, how they affect us once validated, how they can be invalidated or discharged and what sorts of remedies arise from them. Such promises follow us through life, not only at work, but also as consumers and increasingly even in our family relationships. Hence an understanding of contract in a broad sense, encompassing quasi-contracts and more recently trade practices law, will guide us in our business and family dealings. This unit provides the foundation for an understanding of this crucial area of law and legal obligations.

**Courses:** ED50, JS31

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** JSS002, JSB086

### ► JSB936 COMPENSATION AND REPARATION

The appropriateness of compensation as a remedy is a very important topic and it is important that we understand the boundaries to compensation, as well as the reasons that we may have to pay compensation and the many types of conduct that provoke compensation claims. This unit provides the foundation for an understanding of this crucial area of law and legal obligations

**Courses:** ED50, JS31

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** JSS003, JSB087

### ► JSB937 FORENSIC SCIENTIFIC EVIDENCE

This unit is designed for students of science and law, who seek a knowledge of uses of science in law. The unit emphasises the fundamental links between, science, social justice and the legal system while outlining the various rules of evidence in Australian courts. Professionals involved in science, law enforcement and justice administration need a clear understanding of the fundamental rules and legal principles relating to the investigation of, and admissibility of evidence. The rationale is to provide knowledge that equips students to work in this area.

**Courses:** SC01, JS31, LW42, LW41

**Contact hours:** 3 per week **Credit points:** 12

### ► JSN002 THEORETICAL CRIMINOLOGY

Examines the development of criminological theory through the prism of governmentality. Attention is paid to the emergent contexts of criminological theories, and the contribution these have made to advancing our understanding of crime and its attempted management.

**Courses:** JS51, LW51

**Contact hours:** 2 per week **Credit points:** 12

### ► JSN005 THEORIES OF JUSTICE 2

Extends and develops the framework introduced in Theories of Justice I. The focus of the unit is on the interface between public policy and the Law as an instrument of social transformation in a Liberal Democratic Society. Initially, the unit explores the development of emotional and

moral reasoning as a backdrop to the larger analysis of various public policies. The unit provides the opportunity for students to carry out advanced research into various justice models and their implications/applications as well as to produce a range of evaluative criteria against which to judge the degree of 'justice' in relation to a particular social problem within the realm of legal and public policy.

**Courses:** JS51, LW51 **Prerequisites:** JSN001  
**Contact hours:** 2 per week **Credit points:** 12  
**Semester:** 2

### ► JSN015 WOMEN AND THE AUSTRALIAN LEGAL SYSTEM

It is important for any student studying a degree in a law or justice related discipline to acquire an understanding of the cultural and contextual background and the experiences of women in the criminal justice and other parts of the legal system. The primary aim of this unit is to provide students with an alternative perspective on the legal system, particularly in relation to the experience of women in both the criminal and civil justice areas.

**Courses:** JS51 **Contact hours:** 3 per week  
**Credit Points:** 12 **Semester:** 3

### ► JSN016 INTELLIGENCE, JUSTICE AND ACCOUNTABILITY

The unit focuses on intelligence and security activities relative to the rights of individuals, their 'need to know' and their 'right to know'. It examines relationships and responsibilities of intelligence and security professionals and organisations in Australian society, specifically: the nature, roles of intelligence, counterintelligence and security; laws and other instruments which protect individuals and their activities against unlawful intelligence and security actions and operations; human rights issues; perspectives of public and private morality; and, the media's right to disclose intelligence and security matters.

**Courses:** JS51

**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** CA **Semester:** 1

### ► JSN017 INTELLIGENCE AND DECISION MAKING

Intelligence professionals offer support to government, the private sector and the community, where they offer an advantage through the provision of accurate and timely advice. Intelligence is, however, largely wasted if it is not communicated effectively to the appropriate decision maker. This unit is concerned with the delivery of intelligence to decision makers. It recognises the need for intelligence managers to be attuned to the context and environment in which they are operating. The unit examines client needs against proven principles. It acknowledges the importance of focussing reporting and examines the specific needs of client groups. Finally, it looks at the processes to develop appropriate intelligence products.

**Courses:** JS51

**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** CA **Semester:** 2

### ► JSN018 ADVANCED CRIME RESEARCH METHODS

This subject is intended to extend students understanding of the research process fundamental to effective criminal justice research with a particular focus on the structure and organization of theses. Emphasis will be placed upon the whole research process, through an understanding of the logic of social science research design and methodology. This unit will offer students a comprehensive account of the variety of research design models, data collection techniques and data analysis strategies. It will extend students understanding of both quantitative and qualitative research and it will enable students to appreciate the importance of a focused literature review and clear structure in the establishment of a successful research project.

**Courses:** JS51 **Contact hours:** 3 per week  
**Credit Points:** 12 **Incompatible with:** JSB933  
**Campus offered:** CA **Semester:** 1

► **JSN131 JUVENILE JUSTICE**

This unit critically examines the nature, extent and social construction of a 'youth crime problem' in western countries (especially Australia) and to establish how and why the youth justice system takes the governmental form it does. It is concerned with the way in which a 'youth crime problem' is constructed and the implications of this for particular cohorts of young people in contemporary Australia. It is also concerned with the administration and management of youth crime through formal systems designed to prevent and reduce unlawful acts. Particular attention is drawn to the historical development of youth justice in Australia and to the changing nature of youth crime control across jurisdictions. Contemporary articulations of youth crime control are examined in relation to Queensland's system of youth justice, particularly as this relates to young indigenous people, young women and those from various social classes and ethnic groups. Theoretically, the unit takes as its starting point a genealogical analysis that focuses on questions of knowledge, power, regulation and discipline introduced in Foundations in Criminology and Crime, Control and Governance. These are discussed in relation to the contemporary government of young people in Australia and other 'western' countries.

**Courses:** JS51

**Incompatible with:** JSP131, JSB232

► **JSN132 FOUNDATIONS IN CRIMINOLOGY**

Criminological theories of crime and crime control are socially and historically dynamic and integral to legal and social policy. They are also central to the ways in which prisons, policing and crime prevention more generally is organised in society. This unit deals with formal criminological theories of crime and crime control. However, rather than simply outlining the theories, particular attention is drawn to the central concepts, assumptions and propositions contained in criminological theories and the contribution which criminological knowledge has made to advancing our understanding of crime and crime control. Knowledge derived from this unit is applicable to a critical understanding of all professional and popular theories of crime. Importantly, the criminological theories introduced in this unit are viewed as integral to a range of governmental practices aimed at ensuring the regulation and control of particular 'problem populations', especially the notion of at risk youth which is central to the strategy

**Courses:** JS51

**Contact hours:** 3 per week **Credit Points:** 12

**Incompatible with:** JSP132, JSB231

**Campus offered:** CA

**Semester:** 1

► **JSN133 CRIME PREVENTION**

This unit discusses in detail the complex relationship which exists between the crime problem, the creation of criminality and traditional responses to crime. Second, it will discuss crime prevention strategies that are broader than the traditional criminal justice response as well as explore the appropriateness or otherwise of blanket responses to crime. Finally, it will consider the issue of how the interests of victims of crime may be adequately addressed both within and outside the criminal justice system. Building on the theoretical knowledge gained in Foundations in Criminology and Crime Control and Governance, this unit critically discusses current directions in research on the 'crime problem'. Based in developmental and cognitive psychology, such a shift outlines a complex web of intervention in the lives of 'at risk' populations. This shift from a reactive crime control model to a pro-active crime prevention model, has been embraced by governments at both state and federal level in Australia and elsewhere. Students intent upon working in the criminological field need to fully understand both the strengths and weaknesses of this new way of understanding crime. Most important however, will be the implications of such a major shift in the control of 'criminal populations', which is well beyond the scope of the traditional criminal justice system.

**Courses:** JS51

**Contact hours:** 3 per week **Credit Points:** 12

**Incompatible with:** JSP133, JSB333

**Campus offered:** CA

**Semester:** 2

► **JSN134 CRIME CONTROL AND GOVERNANCE**

This unit deals with the way in which crime control is being administered in late modernity with specific reference to Australia. Attention is drawn to the changing roles played by various state sponsored agencies and organisations in the management, prevention and reduction of crime, as well as the various governmental rationalities that underpin the workings of the criminal justice system. Building on Foundations in Criminology, the unit considers contemporary cultures of crime control as part and parcel of a governmental approach to the attempted management of problem populations in the neo-liberal state. Power, discipline, regulation and classification are integral to this project. Key issues to be considered include the changing culture of crime control; the present day rationalities of crime control and punishment and the prospects of crime and punishment in the twenty-first century. Such discussion lays the foundation for the specific examples of youth and the expanding framework of crime prevention as the central crime strategy in western society. The unit critically examines and assesses the changing contexts, modalities, administration and distribution of crime control and rationalities of punishment in western neo-liberal states, with specific reference to Australia.

**Courses:** JS51

**Contact hours:** 3 per week **Credit Points:** 12

**Incompatible with:** JSP134, JSB332

**Campus offered:** CA

**Semester:** 2

► **JSN141 ORGANISED CRIME AND CORRUPTION**

Organised crime activities have burgeoned exponentially throughout the world in the last ten to twenty years. Drug importation and trafficking, fraud, money laundering and people smuggling are all examples of criminal activities that are diverting billions of dollars from legitimate businesses and into the hands of criminal syndicates. The aim of this unit is to provide you with knowledge and understanding of organised crime activities. You will gain an understanding the theoretical nature of organised crime and its functional structure and operations and be able to critically analyse the nature and impact of organised crime on society.

**Courses:** JS51

**Contact hours:** 3 per week **Credit Points:** 12

**Incompatible with:** JSP141, JSP053, JSB342

**Campus offered:** CA

**Semester:** 1

► **JSN142 FORENSIC INVESTIGATION METHODS AND STRATEGIES**

Organised crime and corruption are not new phenomena but their magnitude and sophistication have increased dramatically in the last decade. The aspects of these activities which distinguish them from more traditional crimes mean that reliance on traditional law enforcement techniques and powers will usually be an inadequate response. The distinguishing features of organized crime and corruption include the development of multi-layered hierarchical organizations, the reliance on advice and services of legal and financial professionals, the use of digital commercial and communication systems to plan activities and disperse the proceeds, the globalised nature of some of their activities, the blending of criminal activities with legitimate business ventures and the involvement of corrupt officials who have an intimate knowledge of law enforcement methods. In recognition of the challenges these more complex and sophisticated crime groups pose, State and Federal governments in Australia have passed legislation giving police officers and crime and corruption commissions powers more far reaching than those usually granted to police services. These powers will need to be exercised in collaborative arrangements between the various agencies and in some cases private sector organizations. Lawyers, investigators and intelligence and financial analysts wishing to work in this expanding field

need an understanding of these new powers and an appreciation of the different strategies and conceptualizations needed to combat organized crime and corruption. This unit will develop such an understanding by analysing the statutory powers and examining creative and innovative strategic methods of applying these tools.

**Courses:** JS51

**Contact hours:** 3 per week **Credit Points:** 12

**Campus offered:** CA

**Semester:** 1

► **JSN143 PROCEEDS OF CRIME AND MONEY LAUNDERING**

Unlike some other crimes, the primary motive for organised crime and official corruption is profit. Organised crime syndicates generate huge profits that they launder through various means and re-invest in further crime and/or legitimate businesses. By taking away the proceeds of crime both the motivation and the means to commit further crime may be decreased. The prosecution of money laundering offences augments this crime prevention strategy. Equally, by following the money trail, the movement of the proceeds of crime, law enforcement agencies can identify criminal organisations and move against them. The aim of this to provide you with an understanding and critical appreciation of the policy and legislation, both internationally and in Australia, that regulates the confiscation of the proceeds of crime, the prosecution of money laundering offences, and the reporting of suspect and significant financial transactions and international funds transaction reports.

**Courses:** JS51

**Contact hours:** 3 per week **Credit Points:** 12

**Campus offered:** CA

**Semester:** 2

► **JSN144 EVIDENCE IN ORGANISED CRIME INVESTIGATIONS**

In recognition of the limitations of traditional law enforcement methods in dealing with organised crime and corruption, the Commonwealth and some State governments have granted more extensive powers to their police services and created inquisitorial commissions equipped with special coercive powers. Investigators and lawyers need to understand the issues of the law of evidence that arise in this context. The aim of this unit is firstly, to assist investigators and other professionals to appreciate the impact of rules of evidence in this specific context. Secondly, to understand how these new powers can be more effectively exercised. Thirdly, to inform those representing persons who are the subject of such exercise on how best they can protect the rights of their clients.

**Courses:** JS51

**Contact hours:** 3 per week **Credit Points:** 12

**Campus offered:** CA

**Semester:** 2

► **JSN151 POLICY, GOVERNANCE AND JUSTICE**

This unit will enable you to become familiar with policy-making practices and wider issues of governance. The unit aims to introduce the theory and practice of public policy with an emphasis on policy issues relevant to criminal and social justice. It analyses processes in policy development such as policy formation, writing, implementation and evaluation. You will gain tools for participating in policy development processes in both the public and community sectors.

**Contact hours:** 3 per week **Credit Points:** 12

**Incompatible with:** JSP151, JSB251

**Campus offered:** CA

**Semester:** 1

► **JSN152 ADMINISTRATIVE JUSTICE**

It is essential that justice professionals know and understand the rules of administrative law as well as the underlying philosophy of administrative justice so that those working in the public sector understand the rules that guide their decision making as well as the avenues of appeal from any decision they make. Those working in the community sector need to know how to question administrative decisions and actions and be able to challenge the power of government when it contravenes principles of administrative justice. The unit is organised around theoretical perspectives of democracy, specifically participation and accountability, and examines mechanisms of State accountability, their philosophy

and practice so as to provide a strong working knowledge of the administrative justice system and its legal, social and political environment.

**Courses:** JS51

**Contact hours:** 3 per week **Credit Points:** 12

**Incompatible with:** JSB351, JSP152

**Campus offered:** CA

**Semester:** 1

► **JSN153 WATCHDOGS: WARRIORS, WIMPS AND WITCH-HUNTS**

Recent growth of government activity and regulation means that strong powers have been granted to non-elected officials and the agencies they are employed by, often to perform an oversight role on public administration. Justice professionals need to know the range of agencies with such watchdog roles, and their powers and responsibilities. A good understanding of the theoretical and political framework within which the investigative and other powers of oversight agencies are exercised and utilised is important for those who may carry out, evaluate or critique the powers of such watchdogs. Citizens and justice professionals need to understand the proper use of these powers by organs of the State, as well their role, power and responsibilities in terms of public accountability. A critical perspective allows examination of whether watchdogs are toothless tigers or determined dingoes, necessary understanding for anyone concerned with accountable public administration. The aim of this unit is to provide you with a critical, analytical and practical understanding of the range and role of watchdog agencies, and their protective and investigative powers and responsibilities.

**Courses:** JS51

**Contact hours:** 3 per week **Credit Points:** 12

**Incompatible with:** JSB253, JSP153,

**Campus offered:** CA

**Semester:** 2

► **JSN154 HUMAN RIGHTS AND GLOBAL JUSTICE**

The aim of this unit is to provide you with the necessary theoretical and practical knowledge and understanding of human rights standards and their impact on the Australian social, legal, justice and political landscape so as to enable you to enhance your contribution as a justice professional. You will also gain a critical perspective on these matters that will allow you to understand and apply the constraints and guidance provided by international human rights norms.

**Courses:** JS51

**Contact hours:** 3 per week

**Incompatible with:** JSB084, JSP084, JSP154, JSB353

**Campus offered:** CA

**Semester:** 2

► **JSN161 FUNDAMENTALS OF INTELLIGENCE**

Intelligence analysts are increasingly taking a leading role in investigations with analysts setting the direction for criminal investigation teams. Intelligence professionals also offer support to government, the private sector and the community where they offer an advantage through the provision of accurate and timely advice. Intelligence requires

**Courses:** JS51

**Contact hours:** 3 per week **Credit Points:** 12

**Incompatible with:** JSP161, JSP061

**Campus offered:** CA

**Semester:** 1

► **JSN162 MANAGING INTELLIGENCE**

The unit is concerned with the management of intelligence organisations, personnel and operations. It recognises the need for managers to be attuned to the context and environment in which they are operating. The unit examines organisational structures against proven principles. It acknowledges the importance of people, and examines the specific needs of personnel systems in an intelligence environment. Finally, it looks at the processes to plan and conduct efficient operations. The subject concentrates on applying established principles and procedures to the unique needs of intelligence organisations.

**Courses:** JS51

**Contact hours:** 3 per week **Credit Points:** 12

**Incompatible with:** JSP162, JSP067

**Semester:** 1

► **JSN163 INTELLIGENCE RESEARCH ISSUES & METHODOLOGY**

As the importance of intelligence to government and organisation decision making continues to grow the management of knowledge increasingly becomes the key factor in deciding who wins and who loses in international relations, business and war. This unit addresses intelligence research methodologies (strategies and tactics) that appropriately provide a real world picture to support intervention and change. This unit has three aims: first, to develop a higher level understanding of the theoretical basis of intelligence research; second, to assist you to develop an understanding of the role of research in intelligence in government and organisation decision making; and third, to develop a practical knowledge of the application of research methodologies to intelligence research.

**Courses:** JS51

**Contact hours:** 3 per week **Credit Points:** 12

**Incompatible with:** JSP163

**Campus offered:** CA

**Semester:** 2

► **JSN164 INTELLIGENCE AND NATIONAL SECURITY**

The unit critically examines the notions and concepts of national security. It explores functions, roles and responsibilities for national security in the Australian context. The basic tenet informing teaching in the unit is that intelligence is a support function that ensures the safety, security and quality of life within a nation. The concepts of national security and intelligence, the essentials of an intelligence system, and multidisciplinary factors are applied to issues related to environment, economy and society. The principal focus will be on issues that constitute actual and potential threats to national security in Australia in this century, and on examination of the means available and obstacles to support threat management.

**Courses:** JS51

**Contact hours:** 3 per week **Credit Points:** 12

**Incompatible with:** JSP164

**Campus offered:** CA

**Semester:** 2

► **JSN165 INTELLIGENCE AND NATIONAL SECURITY**

The unit critically examines the notions and concepts of national security. It explores functions, roles and responsibilities for national security in the Australian context. The basic tenet informing teaching in the unit is that intelligence is a support function that ensures the safety, security and quality of life within a nation. The concepts of national security and intelligence, the essentials of an intelligence system, and multidisciplinary factors are applied to issues related to environment, economy and society. The principal focus will be on issues that constitute actual and potential threats to national security in Australia in this century, and on examination of the means available and obstacles to support threat management.

**Courses:** JS51

**Contact hours:** 3 per week **Credit Points:** 12

**Incompatible with:** JSP165, JSP065

**Campus offered:** CA

**Semester:** 2

► **JSP131 JUVENILE JUSTICE**

This unit critically examines the nature, extent and social construction of a 'youth crime problem' in western countries (especially Australia) and to establish how and why the youth justice system takes the governmental form it does. It is concerned with the way in which a 'youth crime problem' is constructed and the implications of this for particular cohorts of young people in contemporary Australia. It is also concerned with the administration and management of youth crime through formal systems designed to prevent and reduce unlawful acts. Particular attention is drawn to the historical development of youth justice in Australia and to the changing nature of youth crime control across jurisdictions. Contemporary articulations of youth crime control are examined in relation to Queensland's system of youth justice, particularly as this relates to young indigenous people, young women and those from various social classes and ethnic groups. Theoretically, the unit takes as its starting point a genealogical analysis that focuses on questions of knowledge, power, regulation and

discipline introduced in Foundations in Criminology and Crime, Control and Governance. These are discussed in relation to the contemporary government of young people in Australia and other western countries.

**Courses:** JS25, JS27

**Contact hours:** 3 per week **Credit Points:** 12

**Incompatible with:** JSP041, JSB041, JSB232

**Campus offered:** CA

**Semester:** 1

► **JSP132 FOUNDATIONS IN CRIMINOLOGY**

Criminological theories of crime and crime control are socially and historically dynamic and integral to legal and social policy. They are also central to the ways in which prisons, policing and crime prevention more generally is organised in society. This unit deals with formal criminological theories of crime and crime control. However, rather than simply outlining the theories, particular attention is drawn to the central concepts, assumptions and propositions contained in criminological theories and the contribution which criminological knowledge has made to advancing our understanding of crime and crime control. Knowledge derived from this unit is applicable to a critical understanding of all professional and popular theories of crime. Importantly, the criminological theories introduced in this unit are viewed as integral to a range of governmental practices aimed at ensuring the regulation and control of particular 'problem populations', especially the notion of at risk youth which is central to the strategy of crime prevention.

**Courses:** JS25, JS27

**Contact hours:** 3 per week **Credit Points:** 12

**Incompatible with:** JSB231

**Campus offered:** CA

**Semester:** 1

► **JSP133 CRIME PREVENTION**

This unit discusses in detail the complex relationship which exists between the crime problem, the creation of criminality and traditional responses to crime. Second, it will discuss crime prevention strategies that are broader than the traditional criminal justice response as well as explore the appropriateness or otherwise of blanket responses to crime. Finally, it will consider the issue of how the interests of victims of crime may be adequately addressed both within and outside the criminal justice system. Building on the theoretical knowledge gained in Foundations in Criminology and Crime Control and Governance, this unit critically discusses current directions in research on the 'crime problem'. Based in developmental and cognitive psychology, such a shift outlines a complex web of intervention in the lives of at risk populations. This shift from a reactive crime control model to a pro-active crime prevention model, has been embraced by governments at both state and federal level in Australia and elsewhere. Students intent upon working in the criminological field need to fully understand both the strengths and weaknesses of this new way of understanding crime. Most important however, will be the implications of such a major shift in the control of 'criminal populations', which is well beyond the scope of the traditional criminal justice system.

**Courses:** JS25, JS27

**Contact hours:** 3 per week **Credit Points:** 12

**Campus offered:** CA

**Semester:** 2

► **JSP134 CRIME CONTROL AND GOVERNANCE**

This unit deals with the way in which crime control is being administered in late modernity with specific reference to Australia. Attention is drawn to the changing roles played by various state sponsored agencies and organisations in the management, prevention and reduction of crime, as well as the various governmental rationalities that underpin the workings of the criminal justice system. Building on Foundations in Criminology, the unit considers contemporary cultures of crime control as part and parcel of a governmental approach to the attempted management of problem populations in the neo-liberal state. Power, discipline, regulation and classification are integral to this project. Key issues to be considered include the changing culture of crime

control; the present day rationalities of crime control and punishment and the prospects of crime and punishment in the twenty-first century. Such discussion lays the foundation for the specific examples of youth and the expanding framework of crime prevention as the central crime strategy in western society. The unit critically examines and assesses the changing contexts, modalities, administration and distribution of crime control and rationalities of punishment in western neo-liberal states, with specific reference to Australia.

**Courses:** JS25, JS27

**Contact hours:** 3 per week **Credit Points:** 12

**Incompatible with:** JSB332

**Campus offered:** CA

**Semester:** 2

► **JSP141 ORGANISED CRIME AND CORRUPTION**

Organised crime activities have burgeoned exponentially throughout the world in the last ten to twenty years. Drug importation and trafficking, fraud, money laundering and people smuggling are all examples of criminal activities that are diverting billions of dollars from legitimate businesses and into the hands of criminal syndicates. The aim of this unit is to provide you with knowledge and understanding of organised crime activities. You will gain an understanding of the theoretical nature of organised crime and its functional structure and operations and be able to critically analyse the nature and impact of organised crime on society.

**Courses:** JS25, JS29

**Contact hours:** 3 per week **Credit Points:** 12

**Incompatible with:** JSP053, JSB053, JSB342

**Campus offered:** CA

► **JSP142 FORENSIC INVESTIGATION METHODS AND STRATEGIES**

Organised crime and corruption are not new phenomena but their magnitude and sophistication have increased dramatically in the last decade. The aspects of these activities which distinguish them from more traditional crimes mean that reliance on traditional law enforcement techniques and powers will usually be an inadequate response. The distinguishing features of organized crime and corruption include the development of multi-layered hierarchical organizations, the reliance on advice and services of legal and financial professionals, the use of digital commercial and communication systems to plan activities and disperse the proceeds, the globalised nature of some of their activities, the blending of criminal activities with legitimate business ventures and the involvement of corrupt officials who have an intimate knowledge of law enforcement methods. In recognition of the challenges these more complex and sophisticated crime groups pose, State and Federal governments in Australia have passed legislation giving police officers and crime and corruption commissions powers more far reaching than those usually granted to police services. These powers will need to be exercised in collaborative arrangements between the various agencies and in some cases private sector organizations. Lawyers, investigators and intelligence and financial analysts wishing to work in this expanding field need an understanding of these new powers and an appreciation of the different strategies and conceptualizations needed to combat organized crime and corruption. This unit will develop such an understanding by analysing the statutory powers and examining creative and innovative strategic methods of applying these tools.

**Courses:** JS25, JS29

**Contact hours:** 3 per week **Credit Points:** 12

**Campus offered:** CA

**Semester:** 1

► **JSP143 PROCEEDS OF CRIME AND MONEY LAUNDERING**

Unlike some other crimes, the primary motive for organised crime and official corruption is profit. Organised crime syndicates generate huge profits that they launder through various means and re-invest in further crime and/or legitimate businesses. By taking away the proceeds of crime both the motivation and the means to commit further crime may be decreased. The prosecution of money laundering offences aug-

ments this crime prevention strategy. Equally, by following the money trail—the movement of the proceeds of crime—law enforcement agencies can identify criminal organisations and move against them. The aim of this to provide you with an understanding and critical appreciation of the policy and legislation, both internationally and in Australia, that regulates the confiscation of the proceeds of crime, the prosecution of money laundering offences, and the reporting of suspect and significant financial transactions and international funds transaction reports.

**Courses:** JS25, JS29

**Contact hours:** 3 per week **Credit Points:** 12

**Campus offered:** CA

**Semester:** 2

► **JSP144 EVIDENCE IN ORGANISED CRIME INVESTIGATIONS**

In recognition of the limitations of traditional law enforcement methods in dealing with organised crime and corruption, the Commonwealth and some State governments have granted more extensive powers to their police services and created inquisitorial commissions equipped with special coercive powers. Investigators and lawyers need to understand the issues of the law of evidence that arise in this context. The aim of this unit is firstly, to assist investigators and other professionals to appreciate the impact of rules of evidence in this specific context. Secondly, to understand how these new powers can be more effectively exercised. Thirdly, to inform those representing persons who are the subject of such exercise on how best they can protect the rights of their clients.

**Courses:** JS25, JS29

**Contact hours:** 3 per week **Credit Points:** 12

**Semester:** 2

► **JSP151 POLICY, GOVERNANCE AND JUSTICE**

This unit will enable you to become familiar with policy-making practices and wider issues of governance. The unit aims to introduce the theory and practice of public policy with an emphasis on policy issues relevant to criminal and social justice. It analyses processes in policy development such as policy formation, writing, implementation and evaluation. You will gain tools for participating in policy development processes in both the public and community sectors.

**Courses:** JS25, JS28

**Contact hours:** 3 per week **Credit Points:** 12

**Incompatible with:** JSP081, JSB081, JSB251

**Campus offered:** CA

**Semester:** 1

► **JSP152 ADMINISTRATIVE JUSTICE**

It is essential that justice professionals know and understand the rules of administrative law as well as the underlying philosophy of administrative justice so that those working in the public sector understand the rules that guide their decision making as well as the avenues of appeal from any decision they make. Those working in the community sector need to know how to question administrative decisions and actions and be able to challenge the power of government when it contravenes principles of administrative justice. The unit is organised around theoretical perspectives of democracy, specifically participation and accountability, and examines mechanisms of State accountability, their philosophy and practice so as to provide a strong working knowledge of the administrative justice system and its legal, social and political environment.

**Courses:** JS25, JS28

**Contact hours:** 3 per week **Credit Points:** 12

**Incompatible with:** JSP083, JSB083, JSB351

**Campus offered:** CA

**Semester:** 1

► **JSP152 ADMINISTRATIVE JUSTICE**

It is essential that justice professionals know and understand the rules of administrative law as well as the underlying philosophy of administrative justice so that those working in the public sector understand the rules that guide their decision making as well as the avenues of appeal from any decision they make. Those working in the community sector need to know how to question administrative decisions and actions and be able to challenge the power of government when it contravenes principles of administrative justice. The unit is organised around theoretical

perspectives of democracy, specifically participation and accountability, and examines mechanisms of State accountability, their philosophy and practice so as to provide a strong working knowledge of the administrative justice system and its legal, social and political environment.

**Courses:** JS25, JS28

**Incompatible with:** JSP083, JSB083, JSB351

**Campus offered:** CA

**Semester:** 1

► **JSP153 WATCHDOGS: WARRIORS, WIMPS AND WITCH-HUNTS**

Recent growth of government activity and regulation means that strong powers have been granted to non-elected officials and the agencies they are employed by, often to perform an oversight role on public administration. Justice professionals need to know the range of agencies with such watchdog roles, and their powers and responsibilities. A good understanding of the theoretical and political framework within which the investigative and other powers of oversight agencies are exercised and utilised is important for those who may carry out, evaluate or critique the powers of such watchdogs. Citizens and justice professionals need to understand the proper use of these powers by organs of the State, as well their role, power and responsibilities in terms of public accountability. A critical perspective allows examination of whether watchdogs are toothless tigers or determined dingoes, necessary understanding for anyone concerned with accountable public administration. The aim of this unit is to provide you with a critical, analytical and practical understanding of the range and role of watchdog agencies, and their protective and investigative powers and responsibilities.

**Courses:** JS25, JS28

**Contact hours:** 3 per week **Credit Points:** 12

**Incompatible with:** JSB253

**Campus offered:** CA

**Semester:** 2

► **JSP154 HUMAN RIGHTS AND GLOBAL JUSTICE**

The aim of this unit is to provide you with the necessary theoretical and practical knowledge and understanding of human rights standards and their impact on the Australian social, legal, justice and political landscape so as to enable you to enhance your contribution as a justice professional. You will also gain a critical perspective on these matters that will allow you to understand and apply the constraints and guidance provided by international human rights norms.

**Courses:** JS25, JS28

**Contact hours:** 3 per week **Credit Points:** 12

**Incompatible with:** JSP084, JSB084, JSB353

**Campus offered:** CA

**Semester:** 2

► **JSP161 FUNDAMENTALS OF INTELLIGENCE**

Intelligence analysts are increasingly taking a leading role in investigations with analysts setting the direction for criminal investigation teams. Intelligence professionals also offer support to government, the private sector and the community where they offer an advantage through the provision of accurate and timely advice. Intelligence requires proficiency in thinking strategies and skills, effective interpersonal skills, teamwork and application of intelligence process methodologies in a variety of contexts. This unit examines the essentials of the intelligence system, the intelligence process and creative problem solving skills in an intelligence environment. Fundamentals of Intelligence is the first unit of the Graduate Certificate in Strategic Intelligence and an elective in the Master of Justice.

**Courses:** JS25, JS26

**Contact hours:** 3 per week **Credit Points:** 12

**Incompatible with:** JSP061

**Campus offered:** CA

**Semester:** 1

► **JSP162 MANAGING INTELLIGENCE**

The unit is concerned with the management of intelligence organisations, personnel and operations. It recognises the need for managers to be attuned to the context and environment in which they are operating. The unit examines organisational structures against proven principles. It acknowledges the importance of people, and

examines the specific needs of personnel systems in an intelligence environment. Finally, it looks at the processes to plan and conduct efficient operations. The subject concentrates on applying established principles and procedures to the unique needs of intelligence organisations.

**Courses:** JS25, JS29  
**Contact hours:** 3 per week **Credit Points:** 12  
**Incompatible with:** JSP067  
**Campus offered:** CA **Semester:** 1

► **JSP163 INTELLIGENCE RESEARCH ISSUES & METHODOLOGY**

As the importance of intelligence to government and organisation decision making continues to grow the management of knowledge increasingly becomes the key factor in deciding who wins and who loses in international relations, business and war. This unit addresses intelligence research methodologies (strategies and tactics) that appropriately provide a real world picture to support intervention and change. This unit has three aims: first, to develop a higher level understanding of the theoretical basis of intelligence research; second, to assist you to develop an understanding of the role of research in intelligence in government and organisation decision making; and third, to develop a practical knowledge of the application of research methodologies to intelligence research.

**Courses:** JS25, JS26  
**Contact hours:** 3 per week **Credit Points:** 12  
**Incompatible with:** JSP063  
**Campus offered:** CA **Semester:** 2

► **JSP164 INTELLIGENCE AND NATIONAL SECURITY**

The unit critically examines the notions and concepts of national security. It explores functions, roles and responsibilities for national security in the Australian context. The basic tenet informing teaching in the unit is that intelligence is a support function that ensures the safety, security and quality of life within a nation. The concepts of national security and intelligence, the essentials of an intelligence system, and multidisciplinary factors are applied to issues related to environment, economy and society. The principal focus will be on issues that constitute actual and potential threats to national security in Australia in this century, and on examination of the means available and obstacles to support threat management.

**Courses:** JS25, JS29  
**Contact hours:** 3 per week **Credit Points:** 12  
**Incompatible with:** JSP065  
**Campus offered:** CA **Semester:** 2

► **KCB101 COMMUNICATION IN THE NEW ECONOMY**

This unit introduces the student to foundational ideas in the study of communication, drawing on examples of communication practice from contemporary society, and the historical development of both the media of mass communication and ways of theorising its development, to present theories of communication in the context of topical debates. The idea of the 'new' economy is the organising motif of the unit. The unit both introduces and problematises the discipline of communication as it confronts, engages and interpenetrates the new economy. Communication is treated as a social process wherein important symbolic forms are created, apprehended and used. The pivotal social processes of the new economy (cultural commodification, corporatisation, the rise of networks and technological change and identity transitions) are used as themes to illustrate key concepts from the discipline of communication. Using this approach the unit aims to impart an understanding of communication ecologies, processes, systems, and modes in the context of contemporary society.

**Courses:** KC32, IF09, IF10, IF27, KK32  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1, 2

► **KCB140 MEDIA AND SOCIETY: FROM PRINTING PRESS TO INTERNET**

Innovations in media and communication technologies have been deeply implicated in the evolution of human society from ancient times to the present. This unit explores the enabling capacities of media and communications, as well as

other aspects of media power from a variety of perspectives, in the development of the modern nation state, consumer culture and the global information economy.

**Courses:** KC32, IF09, IF10, Creative Industries Open elective  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MJB140  
**Campus offered:** GP **Semester:** 1

► **KCB150 MEDIA AND COMMUNICATIONS INDUSTRIES**

This unit provides an introduction to media and communications industries, with particular reference to the Australian media and communications industries and associated issues. The course will examine aspects of telecommunications, broadcasting, magazines and publishing, popular music, the Internet and games industries, from social, industrial and cultural perspectives. You will be involved in discussion of current issues and media features.

**Courses:** KC32, IF09, IF10, IF27, Creative Industries Open elective  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MJB150  
**Campus offered:** GP **Semester:** 2

► **KCB204 GLOBALISATION AND NEW MEDIA**

The globalisation of economic, political and cultural organisations and relations is one of the central dynamics of 21st century societies. While the causes, significance and impacts of globalisation are widely debated, it has been strongly connected to the development of new media, most notably media content delivered through cable and satellite technologies, and through the Internet. This unit will provide students with a clear understanding of globalisation, its relationship to new media technologies, and strategies for dealing with such changes that have been adopted by corporations, governments, communities, knowledge institutions, and the institutions and networks of civil society.

**Courses:** KC32, IF09, IF10, Creative Industries Open elective  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MJB204  
**Campus offered:** GP **Semester:** 2

► **KCB213 STRATEGIC SPEECH COMMUNICATION**

This is a unit with equal emphasis on theory and practice. It is based in rhetorical and group communication theories, as a base for developing professionals who are articulate presenters, probing but empathic interviewers and interviewees, and good team players. Theory and practice are interrelated to develop understanding and self-reflexivity within students concerning their own communication skills, and to guide them to become effective leaders in the Communication Industries professions. Practice in simulated work situations will allow growth and learning in the laboratory of the classroom.

**Courses:** KC32, KK32, KJ32, IF09, IF10, IF27  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1, 2

► **KCB295 VIRTUAL CULTURES**

This unit provides both a critical and conceptual introduction to the issues arising from the emergence of online communications, or 'virtual communities', and a practical introduction to the skills and competencies required for the development and maintenance of successful virtual communities. It considers issues arising from the development of online communications from the perspectives of corporate cultures, public or civic action, and questions of community, identity and social inequality in Internet culture, conflict management, and ethical and privacy issues on the Web.

**Courses:** KC32, IF09, IF10, Creative Industries Open elective  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MJB295  
**Campus offered:** GP **Semester:** 1

► **KCB311 POLITICAL COMMUNICATION**

This unit provides an overview of the theory and practice of political communication and the role

of discursive strategies in the social construction of meaning, with particular reference to media and communications industries. The unit will examine political campaigns in Australia and internationally from the perspective of discourse analysis. Students will critically examine theories of media influence, as well as notions of crisis management, rhetorical models, persuasion theory and the use of images as a power resource to succeed in a political campaign. The unit will also look at how survey research helps the planning and development of political campaigns, and students will be involved in developing a political campaign strategy.

**Courses:** KC32, KK32, IF09, IF10, IF27  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** COB158, COB311  
**Campus offered:** GP **Semester:** 1

► **KCB334 MEDIA AND COMMUNICATION RESEARCH METHODS**

The research process (define problem, collect relevant information, analyse information, formulate conclusions/outcomes) underlies many decisions that confront media and communication professionals. This subject introduces foundational research skills and contextualises them with a number of media and communication problems. The unit will involve qualitative and quantitative research methods including observation, focus groups, case studies, survey research and experiments studied in the context of media and communication problems and issues. Students will carry out research using some of these methods, analyse the results and present their conclusions and recommendations.

**Courses:** KC32, IF09, IF10, IF27  
**Prerequisites:** KCB150  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **KCB335 MANAGING COMMUNICATION RESOURCES**

A fundamental element of communication practice is developing the resources that organisations use to communicate with their audiences (such as brochures, booklets, information kits, promotional materials and web sites). An understanding of controlled media (ie media in which the communicator, rather than a gatekeeper, controls the final content), in both print and electronic forms, is critical for professional communicators; controlled media resources remain the most common tools developed during communication campaigns. This unit develops students' ability to devise effective resources for clients. Students will develop practical skills in managing projects, researching the audience, writing and designing resources, testing their work, and seeing the product through to final production. The unit involves desktop publishing training, and offers students an opportunity to develop a print or electronic resource for a client.

**Courses:** KC32, IF09, IF10, IF27  
**Prerequisites:** 96 credit points of prior study  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **KCB336 NEW MEDIA TECHNOLOGIES**

This unit examines the relationship between new technologies and media production in their social and cultural context. It evaluates the impact of digitisation and convergence on work, leisure, film, TV, print media and other areas of cultural production; and considers the contribution of media theory to insights about the cultural, economic and political impacts of new media technologies.

**Courses:** KC32, IF09, IF10, IF27, Creative Industries Open elective  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MJB336  
**Campus offered:** GP **Semester:** 2

► **KCB348 APPLIED MEDIA COMMUNICATION**

In this unit students explore ways in which their knowledge of media industries, audiences and texts finds application in employment contexts. Students also develop and consolidate an applied understanding of databases in the process of maintaining and developing an online directory

## UNIT SYNOPSES

of media and related organisations serving the greater Brisbane area. Questions of professional practice in online and workplace environments are also discussed, with particular reference to matters of freedom of expression, accuracy and fairness, access and equity, cultural difference, privacy, security and intellectual property.

**Courses:** KC32

**Prerequisites:** Available to Media Communication students only.

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MJB348

**Campus offered:** GP **Semester:** 2

### ► KCB349 MEDIA AUDIENCES

A knowledge of and ability to research audiences is essential to a detailed and comprehensive understanding of the media. The ability to undertake quantitative and qualitative research into various audience groupings, the use of associated analytical tools and the ability to critically analyse academic and industry based audience research are important skills for students undertaking research in Media Communication and those seeking employment in media industries.

**Courses:** KK32, IF09, IF10, IF27

**Prerequisites:** 96 credit points of undergraduate study. Available to Media & Communication majors only.

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MJB349

**Campus offered:** GP **Semester:** 1

### ► KCB351 MEDIA AND COMMUNICATIONS INDUSTRY PLACEMENT 1

This unit involves students applying the conceptual knowledge, research techniques and project management skills acquired during their degree to a specific project or projects on behalf of a media and communications organisation. Working in teams and in conjunction with a nominated media and communications organisation students will develop, implement and report on a project or series of projects for that organisation. This unit may be taken individually in order to develop a small-scale project over the course of a semester, or it may be taken in conjunction with Media and Communications Industry Placement 2 to develop a larger scale project(s) over the course of one or two semesters.

**Courses:** KC32, IF10, IF27

**Prerequisites:** 144 credit points of undergraduate Creative Industries study

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2

### ► KCB352 MEDIA AND COMMUNICATIONS INDUSTRY PLACEMENT 2

This unit involves students applying the conceptual knowledge, research techniques and project management skills acquired during their degree to a specific project or projects on behalf of a media and communications organisation. Working in teams and in conjunction with a nominated media and communications organisation students will develop, implement and report on a project or series of projects for that organisation. This unit is taken as an extension of Media and Communication Industry Placement 1 (either in separate semesters or concurrently) to develop a larger scale project(s) over the course of one or two semesters.

**Courses:** IF09

**Prerequisites:** 144 credit points of undergraduate Creative Industries study

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2

### ► KDB053 GENDER ISSUES IN THE VISUAL AND PERFORMING ARTS

This unit introduces students to the ways in which the arts contribute to, or challenge, concepts of femininity and masculinity in Western European culture. Areas covered include; an overview of various strands of feminist thought; discussion of key issues in the sex/gender debate; analysis of the representations of gender in both historical and contemporary examples of dance, drama, music and visual arts.

**Courses:** CI Open Elective

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB053

**Campus offered:** KG **Semester:** 1

### ► KDB106 THE ANALYSIS OF MODERN DANCE

Further development of the analysis of dance through a concentration on the dance as text; a study of various historical contexts of dance as art. Focus on modern dance.

**Courses:** CI Open Elective

**Prerequisites:** KDB125

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB106

**Campus offered:** KG **Semester:** 2

### ► KDB114 AUSTRALIAN DANCE

A study of the ritual, artistic and social functions of dance in contemporary Australian society.

**Courses:** CI Open Elective

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB114

**Campus offered:** KG **Semester:** 2

### ► KDB117 DANCE IN EDUCATION

A practical introduction to philosophies and practices in dance education. The areas of choreography, performance and appreciation will be explored as students develop basic teaching and reflective practice skills. Appropriate for students planning to teach dance in the primary, secondary, community or studio context.

**Courses:** IF75, IF76, IF77, IF78, KD32

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB117

**Campus offered:** KG **Semester:** 1

### ► KDB125 DECONSTRUCTING DANCE IN HISTORY

Introduction to the analysis of dance through a concentration on the dance as text; a study of various historical contexts of dance as art. Focus on ballet.

**Courses:** CI Open Elective

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB125

**Campus offered:** KG **Semester:** 1

### ► KDB158 DANCE AND TECHNOLOGY 1

Modes of choreographic communication: discussion of aesthetic questions that have emerged out of the last major choreographic movements; collaborative practices encouraged with specific focus on digital technologies.

**Courses:** KD25, KD32

**Prerequisites:** KDX145

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** KG **Semester:** 1

### ► KDB159 DANCE AND TECHNOLOGY 2

Major choreographic project for public performance. Exploration of aesthetic and artistic values in collaborative processes of making new work with technology.

**Courses:** KD25, KD32

**Prerequisites:** KDB158

**Contact hours:** 1 per week **Credit points:** 12

**Campus offered:** KG **Semester:** 2

### ► KDB171 THEATRE DANCE STYLES

Character, jazz and tap styles—essential steps and various combinations.

**Courses:** KD15, IF75, KD25, KD32

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB171

**Campus offered:** KG **Semester:** 1

### ► KDB172 WORLD DANCE

Exposure to a range of culturally specific dance styles through practical workshops; a theory component providing contextual background to the styles taught.

**Courses:** CI Open Elective

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB172

**Campus offered:** KG **Semester:** 2

### ► KDB176 POPULAR DANCE STYLES

History and sociology of jazz and popular dances; examination of dance in musical theatre and other commercial contexts; basic technique and steps in a range of jazz and popular dance styles.

**Courses:** CI Open Elective

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB176

**Campus offered:** KG

**Semester:** 2

### ► KDB180 DANCE TECHNIQUE STUDIES 1

IF75 course code: 3 ballet classes and 2 contemporary classes per week for the first half of the semester. 3 contemporary and 2 ballet classes per week for the second half of the semester; plus 1 alignment class per week. KD15, KD25, KD32 course codes: 4 ballet and 4 contemporary classes per week.

**Courses:** IF75, KD25, KD32, KD15

**Contact hours:** IF75: 9 per week; KD15, KD25, KD32: 12 per week

**Credit points:** 12 **Semester:** 1

**Campus offered:** KG

### ► KDB181 DANCE TECHNIQUE STUDIES 2

IF75, KD32 course codes: 4 ballet classes per week. Performing Reflective Practice component with online tutorials. KD15, KD25 course codes: 4 ballet and 4 contemporary classes per week.

**Courses:** IF75, KD25, KD32, KD15

**Contact hours:** IF75, KD32: 6 per week; KD15, KD25: 12 per week

**Credit points:** 12 **Semester:** 2

**Campus offered:** KG

### ► KDB182 DANCE TECHNIQUE STUDIES 3

IF75, KD32 course codes: four contemporary classes per week plus one alignment class per week. KD15, KD25 course codes: four ballet and four contemporary classes per week.

**Courses:** IF75, KD25, KD32, KD15

**Contact hours:** IF75, KD32: 7.5 per week;

KD15, KD25: 12 per week

**Credit points:** 12 **Semester:** 1

**Campus offered:** KG

### ► KDB183 DANCE TECHNIQUE STUDIES 4

IF75, KD32 course codes: four contemporary classes per week. Teaching Reflective Practice component with online tutorials. KD15, KD25 course codes: four ballet and four contemporary classes per week.

**Courses:** IF75, KD25, KD32, KD15

**Contact hours:** IF75, KD32: 6 per week; KD15, KD25: 12 per week

**Credit points:** 12 **Semester:** 2

**Campus offered:** KG

### ► KDB189 DANCE ASSESSMENT AND REPORTING

Relates current theoretical issues in assessment to the unique challenges of dance assessment. Students will explore a range of assessment procedures, methods and strategies to support quality and equity in dance assessment at all levels.

**Courses:** KD05, KD06, KD16, KD17

**Credit points:** 12 **Incompatible with:** AAB189

**Campus offered:** EXT **Semester:** 1, 2

### ► KDB190 PROFESSIONAL PRACTICE AND BUSINESS ADMINISTRATION FOR DANCE TEACHERS

This unit will consider the implications of Dance Industry Code of Ethics (1987) for teaching and learning in dance. This unit also includes practical and useful materials for the effective and efficient operations of a business in the dance teaching by relating current small business management practices to the specific organisational needs and requirements for dance teaching businesses.

**Courses:** KD05, KD06, KD16, KD17

**Credit points:** 12 **Incompatible with:** AAB190

**Campus offered:** EXT **Semester:** 1, 2

### ► KDB191 DANCE TEACHING METHODOLOGIES

Provides students with the opportunity to investigate and explore dance teaching issues relevant to their own teaching context. The unit materials will include strategies and models for planning and implementing dance lessons and curriculum, catering for the diverse learning needs of students and managing the classroom as a complex social environment.

**Courses:** KD05, KD06, KD16, KD17

**Credit points:** 12 **Incompatible with:** AAB191

**Campus offered:** KG **Semester:** 1, 2

## UNIT SYNOPSES

### ► **KDB192 STAGECRAFT AND COSTUME FOR DANCE**

Provides opportunities to investigate the principles of design as they relate to the visual environment of a dance performance/production. Considers principles and theoretical issues relevant to design for stage and video, stimulating and innovative examples of visual designs for dance performance and practical information for production/planning and budgeting.

**Courses:** KD05, KD06

**Credit points:** 12 **Incompatible with:** AAB192  
**Campus offered:** EXT **Semester:** 1

### ► **KDB193 DANCE PROJECT 1A**

This unit is designed for those students who wish to investigate their practice as a dance performer and/or creator. Students construct and execute their own project from a choice of 3 models. All projects require a proposal, execution and reflective practice paper of the project outcome. Interdisciplinary and collaborative projects are encouraged and may take place on campus or in industry settings.

**Courses:** KD25

**Prerequisites:** 3rd year Bachelor of Fine Arts students only; approval of project by Unit Coordinator

**Credit points:** 12

**Campus offered:** KG **Semester:** 1

### ► **KDB195 DANCE TEACHING STUDIES 1**

This unit examines basic theoretical understandings and practical skills to support and enhance students' ability to plan for, manage and promote effective and safe learning in dance classes.

**Courses:** KD05, KD06, KD16, KD17

**Contact hours:** 1 week full-time residency in summer semester

**Credit points:** 12 **Incompatible with:** AAB180

**Campus offered:** KG **Semester:** 3

### ► **KDB196 DANCE TEACHING STUDIES 2**

This unit covers the theory of choreography and the basic skills of crafting choreography will form the basis of study in this unit. This unit also provides students with the opportunity to investigate current research relating to the teaching for performance. Issues such as psychology of performance and pacing of dance training will be addressed.

**Courses:** KD05, KD06, KD16, KD17

**Contact hours:** 1 week full-time residency in summer semester

**Credit points:** 12 **Incompatible with:** AAB181

**Campus offered:** KG **Semester:** 3

### ► **KDB197 DANCE ANALYSIS AND DANCE HISTORIES**

This unit examines aesthetic theory and analysis models that will assist students to respond to and reflect upon dance. Students will apply this understanding to the research and analysis of dances in context.

**Courses:** KD05, KD06, KD16, KD17

**Credit points:** 12 **Incompatible with:** AAB197

**Campus offered:** EXT **Semester:** 1, 2

### ► **KDB198 SAFE DANCE PRACTICE**

This unit provides students with the knowledge and understanding of the information regarding safe dance practices. Practical activities will focus on the implications of current research in safe dance practice to dance teaching and learning. The content of this unit reflects a holistic approach to training in dance by considering a diverse range of issues such as basic anatomy and physiology, the use of imagery in dance training, injury prevention and management strategies, nutrition and lifestyle management.

**Courses:** KD05, KD06, KD16, KD17

**Credit points:** 12 **Incompatible with:** AAX104

**Campus offered:** EXT **Semester:** 1, 2

### ► **KDB199 DANCE PROJECT 1B**

This unit is designed for those students who wish to investigate their practice as a dance performer and/or creator. Students construct and execute their own project from a choice of 3 models. All projects require a proposal, execution and reflective practice paper of the project outcome. Interdisciplinary and collaborative projects are encouraged and may take place on campus or in

industry settings. This unit may include a proposal which is an extension of Dance Project 1A.  
**Courses:** KD25

**Prerequisites:** 3rd year Bachelor of Fine Arts students only; approval of project by Unit Coordinator

**Credit points:** 12

**Campus offered:** KG **Semester:** 2

### ► **KDB221 INTEGRATED PROFESSIONAL SKILLS**

An integrated program building specific practical, psychological and physical skills and strategies for career development and enhancement.

**Courses:** KD32, KD25

**Contact hours:** 3 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 2

### ► **KDB421 DANCE CURRICULUM STUDIES 1**

Focuses on the implementation of Dance Curriculum documents. Students develop strategies for dance teaching that cater for diverse learning needs of students and assist in the management of safe dance learning environments.

**Courses:** ED32, ED37, IF75, KD33

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** AAB421

**Campus offered:** KG **Semester:** 2

### ► **KDB429 DANCE CURRICULUM STUDIES 2**

Advanced practical applications in assessment, curriculum planning and teaching/learning strategies relevant to dance education.

**Courses:** ED37, IF75, IF76, KD33, KT33

**Prerequisites:** KDB421

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** AAB429

**Campus offered:** KG **Semester:** 1

### ► **KDN002 PROFESSIONAL PRACTICE PROJECT**

This unit aims to provide a context for students to apply and extend their developed teaching practices. As they devise, implement and evaluate a project relevant to their teaching context, students will actively engage their skills and understandings as a teacher artist. Students will also be supported to enhance their skills as a reflective practitioner as they critically analyse and evaluate their professional practice.

**Courses:** KD42

**Credit points:** 24

**Campus offered:** KG **Semester:** 1, 2

### ► **KDP104 SAFE DANCE PRACTICE**

This unit provides students with the knowledge and understanding of the information regarding safe dance practices. Practical activities will focus on the implications of current research in safe dance practice to dance teaching and learning. The content of this unit reflects a holistic approach to training in dance by considering a diverse range of issues such as basic anatomy and physiology, the use of imagery in dance training, injury prevention and management strategies, nutrition and lifestyle management.

**Courses:** KD35, KD36

**Credit points:** 12 **Incompatible with:** AAP104

**Campus offered:** EXT **Semester:** 1, 2

### ► **KDP105 DANCE ANALYSIS AND DANCE HISTORIES**

This unit examines aesthetic theory and analysis models that will assist students to respond to and reflect upon dance. Students will apply this understanding to the research and analysis of dance in context.

**Courses:** KD35, KD36

**Credit points:** 12 **Incompatible with:** AAP125

**Campus offered:** EXT **Semester:** 1, 2

### ► **KDP180 DANCE TEACHING STUDIES 1**

Examines theoretical understandings and practical skills to support and enhance students' ability to plan for, manage and promote effective and safe learning in dance classes.

**Courses:** KD35, KD36

**Contact hours:** 1-week full-time residency in summer semester

**Credit points:** 12 **Incompatible with:** AAP180

**Campus offered:** KG **Semester:** 3

### ► **KDP181 DANCE TEACHING STUDIES 2**

The theories of choreography and the skills of crafting choreography will form the basis of

study in this unit. This unit also provides students with the opportunity to investigate current research relating to the teaching for performance. Issues such as psychology of performance and pacing of dance training will be addressed.

**Courses:** KD35, KD36

**Contact hours:** 1-week full-time residency in summer semester

**Credit points:** 12 **Incompatible with:** AAP181

**Campus offered:** KG **Semester:** 3

### ► **KDP189 DANCE ASSESSMENT AND REPORTING**

Relates current theoretical issues in assessment to the unique challenges that dance assessment provide. Students will explore a range of assessment procedures, methods and strategies to support quality and equity in dance assessment at all levels.

**Courses:** KD35, KD36

**Credit points:** 12 **Incompatible with:** AAP189

**Campus offered:** EXT **Semester:** 1, 2

### ► **KDP190 PROFESSIONAL PRACTICE FOR DANCE TEACHERS**

As small business owners, dance teachers require a diverse range of skills to manage and operate their businesses. This unit will consider the implications of the Dance Industry Code of Ethics for teaching and learning in dance. This unit also includes practical and useful materials for the effective and efficient operations of a business in dance teaching by relating current small business management practices to the specific organisational needs and requirements of dance teaching businesses.

**Courses:** KD35, KD36

**Credit points:** 12 **Incompatible with:** AAP190

**Campus offered:** EXT **Semester:** 1, 2

### ► **KDP191 DANCE TEACHING METHODOLOGIES**

Provides students with the opportunity to investigate and explore dance teaching issues relevant to their own teaching context. The unit materials will include strategies and models for planning and implementing dance lessons and curriculum, catering for the diverse learning needs of their students and managing the classroom as a complex social environment.

**Courses:** KD35, KD36

**Credit points:** 12 **Incompatible with:** AAP191

**Campus offered:** EXT **Semester:** 1, 2

### ► **KDP192 STAGECRAFT AND COSTUME FOR DANCE**

Provides opportunities to investigate the principles of design as they relate to the visual environment of a dance performance/production. Considers principles and theoretical issues relevant to design for stage and video, stimulating and innovative examples of visual designs for dance performance and practical information for the production/construction/budgeting for design.

**Courses:** KD35, KD36

**Credit points:** 12 **Incompatible with:** AAP192

**Campus offered:** EXT **Semester:** 1, 2

### ► **KDX104 ARCHITECTURE OF THE BODY**

Focuses on experiential awareness of the body, including an introduction to a working knowledge of anatomy, kinesiology and the movement potential of the body, both in theory and practice. For students in KI25 and KF25, a component of the course explores the creative potential of movement through compositional tasks.

**Courses:** KD15, KD25, KD32, KF25, IF75, IF76, KI25

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** KG **Semester:** 1

### ► **KDX111 PERFORMANCE 1**

Designated unit. Study of selected repertoire pieces; duo work; rehearsal of individual aspects of the repertoire work; performance of all or part of the selected repertoire; preparation for rehearsals and performance; technique and dress rehearsals; critical evaluation during season and post-performance evaluation.

**Courses:** KD15, KD25

**Contact hours:** 6 per week **Credit points:** 12

**Incompatible with:** AAX111

**Campus offered:** KG **Semester:** 1

## UNIT SYNOPSES

### ► KDX112 PERFORMANCE 2

Designated unit. Continuation of studies initiated in KDX111.

**Courses:** KD15, KD25  
**Prerequisites:** KDX111  
**Contact hours:** 6 per week **Credit points:** 12  
**Incompatible with:** AAX112  
**Campus offered:** KG **Semester:** 2

### ► KDX141 PERFORMANCE 3

Designated unit. Continuation of studies initiated in KDX112.

**Courses:** KD15, KD25  
**Prerequisites:** KDX112  
**Contact hours:** 6 per week **Credit points:** 12  
**Incompatible with:** AAX141  
**Campus offered:** KG **Semester:** 1

### ► KDX142 PERFORMANCE 4

Designated unit. Continuation of studies initiated in KDX141.

**Courses:** KD15, KD25  
**Prerequisites:** KDX141  
**Contact hours:** 6 per week **Credit points:** 12  
**Incompatible with:** AAX142  
**Campus offered:** KG **Semester:** 2

### ► KDX143 CHOREOGRAPHIC STUDIES 1

Introduction to crafting skills and choreographic devices used in process of making dance work. Presentation of short solo and group work.

**Courses:** KD15, KD25, IF75, IF76, KD32  
**Contact hours:** 2 per week **Credit points:** 12  
**Campus offered:** KG **Semester:** 2

### ► KDX144 CHOREOGRAPHIC STUDIES 2

Practice and performance of choreographic work employing choreographic skills in creation of movement material, form and style. Clarity of intention is major focus.

**Courses:** KD15, KD25, KD32, IF75  
**Prerequisites:** KDX143  
**Contact hours:** 2 per week **Credit points:** 12  
**Campus offered:** KG **Semester:** 1

### ► KDX145 CHOREOGRAPHIC STUDIES 3

Development of Advanced Choreographic skills. Presentation of work 5-8 minutes in studio or site-specific context.

**Courses:** KD15, KD25, KD32, IF75  
**Prerequisites:** KDX144  
**Contact hours:** 2 per week **Credit points:** 12  
**Campus offered:** KG **Semester:** 2

### ► KFB056 PROFESSIONAL STUDIES (FASHION)

This subject prepares final year students for their first steps into the profession and facilitates a smooth and confident transition from undergraduate experiences to working life.

**Courses:** KF25  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB056  
**Campus offered:** KG **Semester:** 2

### ► KFB401 DESIGN STUDIO 1

This sequence of six units is fundamental to the course and focus on the integration of design principles with the practical skills and understandings of pattern technology, garment design and construction.

**Courses:** IF25  
**Contact hours:** 12 per week **Credit points:** 12  
**Incompatible with:** AAB401  
**Campus offered:** KG **Semester:** 1

### ► KFB402 DESIGN STUDIO 2

See KFB401.

**Courses:** IF25  
**Contact hours:** 12 per week **Credit points:** 12  
**Incompatible with:** AAB402  
**Campus offered:** KG **Semester:** 2

### ► KFB403 DESIGN STUDIO 3

See KFB401.

**Courses:** KF25  
**Contact hours:** 12 per week **Credit points:** 12  
**Incompatible with:** AAB403  
**Campus offered:** KG **Semester:** 1

### ► KFB404 DESIGN STUDIO 4

See KFB401.

**Courses:** IF25  
**Contact hours:** 12 per week **Credit points:** 12  
**Incompatible with:** AAB404  
**Campus offered:** KG **Semester:** 2

### ► KFB405 DESIGN STUDIO 5

See KFB401.

**Courses:** IF25  
**Contact hours:** 20 per week **Credit points:** 24  
**Incompatible with:** AAB405  
**Campus offered:** KG **Semester:** 1

### ► KFB406 DESIGN STUDIO 6

See KFB401.

**Courses:** IF25  
**Contact hours:** 20 per week **Credit points:** 24  
**Incompatible with:** AAB406  
**Campus offered:** KG **Semester:** 2

### ► KFB407 1/2 TEXTILES

The aim of this unit is to initiate an understanding of each stage of the textile development process and the methods of evaluating textile performance.

**Courses:** IF25  
**Contact hours:** 2 per week **Credit points:** 6  
**Incompatible with:** AAB407 1/2  
**Campus offered:** KG **Semester:** 1

### ► KFB407 2/2 TEXTILES

The aim of this unit is to initiate an understanding of each stage of the textile development process and the methods of evaluating textile performance.

**Courses:** IF25  
**Contact hours:** 2 per week **Credit points:** 6  
**Incompatible with:** AAB407 2/2  
**Campus offered:** KG **Semester:** 2

### ► KFB408 FASHION IN CONTEXT

In this unit students will analyse fashion trends and learn the influence of various factors that affect changes in fashion, including major designers.

**Courses:** IF25  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB408  
**Campus offered:** KG **Semester:** 2

### ► KFB410 1/2 RESEARCH SEMINAR

In this unit students will expand their knowledge and experience through exposure to the work of specialists in the field while extending their knowledge of the national and international fashion world.

**Courses:** IF25  
**Contact hours:** 2 per week **Credit points:** 6  
**Incompatible with:** AAB410 1/2  
**Campus offered:** KG **Semester:** 1

### ► KFB410 2/2 RESEARCH SEMINAR

In this unit students will expand their knowledge and experience through exposure to the work of specialists in the field while extending their knowledge of the national and international fashion world.

**Courses:** IF25  
**Contact hours:** 2 per week **Credit points:** 6  
**Incompatible with:** AAB410 2/2  
**Campus offered:** KG **Semester:** 2

### ► KFB411 ADVANCED TEXTILES

This unit builds on the knowledge of the materials, skills and acquired in KFB407 and is planned for the design student who wishes further studies in the field of textile development and/or embellishment.

**Courses:** IF25  
**Contact hours:** 6 per week **Credit points:** 12  
**Incompatible with:** AAB411  
**Campus offered:** KG **Semester:** 1, 2

### ► KFB412 APPLIED PLANNING

In this externally focused unit graduating students will draw together acquired skills and knowledge in order to develop plans for work in industry, within community-based projects or as independent designers.

**Courses:** IF25  
**Contact hours:** 2 per week **Credit points:** 12  
**Incompatible with:** AAB412  
**Campus offered:** KG **Semester:** 2

### ► KFB413 INTRODUCTION TO FASHION DESIGN

This unit will provide a basic interdisciplinary knowledge of the evolution of contemporary design movements and explore the relationship of fashion design to these design principles.

**Courses:** IF25  
**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB413

**Campus offered:** KG **Semester:** 1

### ► KFB414 CROSS MEDIA DESIGN APPLICATIONS

This unit is aimed for the student who wishes to work collaboratively with students in other Creative Industries disciplines on a design project.

**Courses:** IF25  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB414  
**Campus offered:** KG **Semester:** 1, 2

### ► KFB415 DESIGN PROJECT

This unit is aimed for the student who wishes to further advance non-traditional approaches to textile design or who wishes to continue collaboration with students in other Creative Industries disciplines on a design project.

**Courses:** IF25  
**Prerequisites:** KFB411 or KFB414  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB415  
**Campus offered:** KG **Semester:** 1, 2

### ► KIB056 PROFESSIONAL STUDIES

This unit aims to facilitate a smooth and confident transition from undergraduate experiences to life in the workforce. Exploration of current issues in the creative industries, and development of professional skills including portfolio development, networking strategies, industry practices and career management.

**Courses:** AA81, KI25, KI32  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB056  
**Campus offered:** KG **Semester:** 2

### ► KIB800 PROFESSIONAL PRACTICE

In this unit, a secondment to professional organisations, final year students gain insights into the practical aspects of their coursework. National and international staff connections provide students with exciting options for professional placement and employment.

**Courses:** KI25, KI32  
**Prerequisites:** KIB807 (KKB818), KIB816  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB800  
**Campus offered:** KG **Semester:** 2

### ► KIB801 FOUNDATIONS OF COMMUNICATION DESIGN 1

This unit provides an introduction to the languages and processes associated with image making and compositional design principles as they relate to communications technologies.

**Courses:** KI25, KI32  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB801  
**Campus offered:** KG **Semester:** 1

### ► KIB802 FOUNDATIONS OF COMMUNICATION DESIGN 2

This unit further develops design skills for communications technologies including design priorities, visual systems, refinement of concepts, project analysis and problem solving through presentation models.

**Courses:** KI25, KI32 **Prerequisites:** KIB801  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB802  
**Campus offered:** KG **Semester:** 2

### ► KIB803 TEMPORAL MEDIA

Introduction to video production concepts and techniques. Development of original project ideas and investigation of sequence design and media integration methods.

**Courses:** KI25, KI32  
**Prerequisites:** KIB808, KIB802 or KIB811  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB803  
**Campus offered:** KG **Semester:** 1

### ► KIB804 3-D ANIMATION 1

This unit stresses the creative issues related to modelling and rendering three-dimensional computer graphics and animation including high-end computer visualisation and special effects for film and television.

**Courses:** KI25, KI32, KI42  
**Prerequisites:** KIB808  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB804  
**Campus offered:** KG **Semester:** 1



## UNIT SYNOPSES

### ► KIB805 DESIGN PROJECT A

This unit will investigate the theoretical foundations and creative processes underpinning interdisciplinary new media projects by analysing the recursive relationships between design, narrative, science and technology.

**Courses:** KI25, KI32

**Prerequisites:** KIB803 or KIB804, KIB809 or KIB810

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB805

**Campus offered:** KG

**Semester:** 1

### ► KIB806 DESIGN PROJECT B

A critique forum for individual final projects. Each student is required to produce a final project indicative of their field of studies.

**Courses:** KI25, KI32 **Prerequisites:** KIB805

**Contact hours:** 3 per week **Credit points:** 24

**Incompatible with:** AAB806

**Campus offered:** KG

**Semester:** 1, 3

### ► KIB807 MEDIA TECHNOLOGY 1

Introduction to visual design and illustration using computer graphics including a practical introduction to authoring software and network applications.

**Courses:** KI25, KI32

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB807

**Campus offered:** KG

**Semester:** 1

### ► KIB808 MEDIA TECHNOLOGY 2

Exploration of media development and design concepts and practices. Investigation of cinematic language and interactive media design principles. Exploration of graphical interface design for computer screens and computer programming with authoring languages. Animation, video and audio are introduced in the context of software development, interactivity and applications of digital media.

**Courses:** KI25, KI32, KI42

**Prerequisites:** KIB807 or KKB818

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB808

**Campus offered:** KG

**Semester:** 1

### ► KIB809 INTERACTION DESIGN 1

This unit provides an introduction to the field of interaction design including human computer interface design concepts, principles and methodologies involved in the design and development of interactive media.

**Courses:** KI25, KI32, KI42

**Prerequisites:** KIB808, KIB802 or KIB811

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB809

**Campus offered:** KG

**Semester:** 1

### ► KIB810 INFORMATION ARCHITECTURE

This unit provides an introduction to Web application design and computer network communication. It emphasises computer programming and object orientated analysis and design.

**Courses:** KI25, KI32

**Prerequisites:** KIB808, KIB802 or KIB811

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB810

**Campus offered:** KG

**Semester:** 1

### ► KIB811 VISUAL INTERACTIONS

This unit will analyse how we represent our experience and communicate our intentions through both the reading of images and the process of image making. Students will investigate the relationship between language, image and technology whilst tracing the human experience with visuals from passive engagement to immersive interactions. By focusing on the mutual development of technology and creative practices through the investigation of past and current shifts in the representation of image the unit provides a foundation for further studies in the field of Communication Design and the broader Creative Industries.

**Courses:** KI32, Creative Industries elective

**Prerequisites:** Prior exp with using Windows and/or Mac operating systems; word processing

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** KG

**Semester:** 1

### ► KIB813 CONTEMPORARY ISSUES IN TECHNOLOGY DESIGN

As inhabitants of cultures increasingly driven by technology, it is in all interest to be aware of processes and implications of technological change. This unit is designed to encourage students to reflect upon and analyse current interconnections between technology, design and society, and to provide tools to perform these activities effectively.

**Courses:** CI Open Elective

**Prerequisites:** KIB814, KIB816

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB813

**Campus offered:** KG

**Semester:** 1

### ► KIB814 APPLICATIONS OF DESIGN TECHNOLOGY

As creative practitioners within a highly networked technological society it is important to develop a critical understanding of how the application of technology influences modes of communication, production processes and creative practices, particularly within the Creative Industries. This unit provides an introductory overview of the philosophies underlying applications of technology and critically examines current applications in order to explore creative environments of future technology. This material is covered through lectures, many presented by prominent industry professionals and practitioners, combined with workshops and tutorials focusing on computer mediated communication.

**Courses:** CI Open Elective

**Prerequisites:** KKB818 or KIB807

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB814

**Campus offered:** KG

**Semester:** 2

### ► KIB815 INTERACTION DESIGN 2

This unit follows on from KIB809 Interaction Design 1 continuing study in the field of Interaction Design including human computer interface concepts, principles and methodologies involved in the design and development of interactive media.

**Courses:** KI25, KI32 **Prerequisites:** KIB809

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB815

**Campus offered:** KG

**Semester:** 1

### ► KIB816 INTERACTIVE WRITING

This unit addresses on theoretical issues associated with non-linear story structures and interactive narratives through the analysis of game structures, the creation of original game ideas and the application of techniques of information design to the structuring of non-narrative content. Addressing the creative and analytical roles of writers, conceptual designers and information designers in the context of interactive digital media and the Creative Industries.

**Courses:** CI Open Elective

**Prerequisites:** KKB818 or KIB807

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB816

**Campus offered:** KG

**Semester:** 1

### ► KIB817 PROJECT MANAGEMENT

This unit serves as an introduction to project management as a growing discipline/profession and how it relates to software development and new media production. It focuses on project management skills and professional development, and project management as a conscious process, making use of various concepts and techniques to achieve a successful project outcome - defining project brief/scope and boundaries. This is the prerequisite unit to the BFA (Honours) Communication Design.

**Courses:** KI25, KI32 **Prerequisites:** KIB824

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB817

**Campus offered:** KG

**Semester:** 1

### ► KIB819 ELECTRONIC PUBLISHING

This unit provides an introduction to the theories, concepts and methodologies that underpin electronic publishing, emphasising the conceptual and analytical skills required to develop successful 'on line' publications within the context of Creative Industries.

**Courses:** CI Open Elective

**Prerequisites:** KKB818 or KIB807

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB819

**Campus offered:** KG

**Semester:** 1, 2

### ► KIB820 3-D ANIMATION 2

This unit addresses theory and practice in the area of advance three-dimensional computer graphics, including: concept development; character animation; advanced modelling animation and rendering techniques; and production techniques.

**Courses:** KI25, KI32 **Prerequisites:** KIB804

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB820

**Campus offered:** KG

**Semester:** 1

### ► KIB821 VIRTUAL REALITY

This unit investigates the field of Virtual Reality looking at the history and related theory of this emerging interactive media. This material supports practical activities that directly address current practice in the field.

**Courses:** KI25, KI32

**Prerequisites:** KIB809, KIB804

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB821

**Campus offered:** KG

**Semester:** 1

### ► KIB822 INTERACTION DESIGN 3

This unit finds a focus on the production of interactive projects, informed by the filmic processes developed in KIB803 and interaction design as covered in KIB809/KIB815. KIB822 looks at devising interactive, nonlinear approaches that draw upon these skills, with a focus upon concept development; creative and design processes; interactive techniques and styles; and advanced digital video/media production and post production.

**Courses:** KI25, KI32

**Prerequisites:** KIB815, KIB803, KIB804

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB822

**Campus offered:** KG

**Semester:** 1

### ► KIB823 DESIGN PRACTICE

With the approval of the Unit Coordinator, the student undertakes activity within the context of a group project in the field of Communication Design. Access to this unit is reserved for students who have demonstrated an outstanding level of self-directed learning and high level of requisite skills.

**Courses:** KI25, KI32

**Prerequisites:** KKB818/KIB807 and a GPA of 5 OR approval from Unit Coordinator

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB823

**Campus offered:** KG

**Semester:** 1

### ► KIB825 HISTORY OF ANIMATION

The unit is an introductory examination of the development of animation. It addresses social, cultural, economic and technological themes that have shaped notable practitioners and established animation as a significant medium for the expression of popular culture, artistic experiment and philosophical, social and political comment.

**Courses:** CI Open Elective

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB825

**Campus offered:** KG

**Semester:** 2

### ► KIB826 3-D ANIMATION 3

The unit provides the student with the opportunity to pursue advanced studies in three-dimensional modeling and animation, in the context of the creation of synthetic characters, after successful completion of KIB820.

**Courses:** KI25, KI32 **Prerequisites:** KIB820

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB826

**Campus offered:** KG

**Semester:** 1

### ► KIN808 INTRODUCTION TO COMMUNICATION DESIGN

The major topics of this unit involve the acquisition of design knowledge through demonstration and application, the development of aesthetic responses through involvement in project production and the development of foundations for a personal philosophy through research and lectures. Emphasis is placed on the relationship between image, text, time and space preparing the student for various new media productions.

## UNIT SYNOPSES

**Courses:** KI42

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAN808

**Campus offered:** KG

**Semester:** 1

### ► KIN809 INTERACTION DESIGN

This unit provides an introduction to the field of interaction design including human computer interface design concepts, principles and methodologies involved in the design and development of interactive media.

**Courses:** KI42

**Prerequisites:** KIN818, KIN808

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAN809

**Campus offered:** KG

**Semester:** 1

### ► KIN810 INFORMATION ARCHITECTURE

This unit provides knowledge of concepts in Information Architecture and their application to the production of large Internet web sites. The concept of information architecture forms the basis for an understanding of the application of advanced multimedia in the design of dynamic web sites. This unit focuses on design supported by practical experience in the production dynamic interactive systems using advanced web technologies. In this unit, students learn to understand and apply the principles of a well designed and structured Web site; an advanced data base driven web site; the information architecture behind dynamic web sites; and advanced Web design technologies.

**Courses:** KI42

**Prerequisites:** AAN181, AAN808

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAN810

**Campus offered:** KG

**Semester:** 1

### ► KIN816 INFORMATION DESIGN

This unit aims to develop understanding of the creative and analytical roles of writers, conceptual designers and information designers in New Media productions, and practice in the application of their relevant skills. On completion of this Unit, students will be able to analyse traditional (linear), non-linear and interactive narrative structures, create original narratives in appropriate script format, understand theoretical issues associated with branching story structures and interactive narratives, identify and analyse game structures, create original game ideas in appropriate script formats, and apply techniques of information design to the structuring of non-narrative content.

**Courses:** KI42 **Prerequisites:** KIN818, KIN808

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAN816

**Campus offered:** KG

**Semester:** 1

### ► KIN817 PROJECT MANAGEMENT

Project management is a core requirement in the on-time, on-budget completion of project, whether building a bridge, launching a new product or developing a web site. Project management and its use of an associated customised methodology is paramount in successfully seeing a project to fruition. It is the roadmap by which all associated team members will travel. Without a methodology and the role of project manager held by someone within the team, the likelihood of success is slim. The aim of this unit is to develop within the student the ability to scope the needs of a digital media project, including its solution, and then to understand how to manage the client and project resources through its methodology to the project's completion.

**Courses:** KI42

**Prerequisites:** KIN824

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAN817

**Campus offered:** KG

**Semester:** 2

### ► KIN818 INTRODUCTION TO DIGITAL MEDIA TECHNOLOGIES

This unit provides an introduction to theories and skills underpinning the application of multimedia technology with the Creative Industries, providing a foundation of conceptual and practical skills related to contemporary modes of electronic hypermedia production, communication and publishing.

**Courses:** KI42

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAN818

**Campus offered:** KG

**Semester:** 1, 2, 3

### ► KIN819 ELECTRONIC PUBLISHING

This unit provides an introduction to designing Internet web sites for publication and commerce. There is a practical "hands on" introduction to the design of dynamic interactive systems followed by analytical study of design elements of these systems for effectiveness. Concepts related to trust, security, privacy, fulfillment, digital cash and commercial transactions are introduced in an analytical, practical way. This unit provides students with some historical and conceptual knowledge as well as introductory practical knowledge. Tutorial and lab times are scheduled to ensure that students have a substantial piece of work developed by the end of the semester. The unit is based primarily on the process of web design and production, but also covers advanced issues related to interactivity, servers and publishing systems, and internet programming.

**Courses:** KI42

**Prerequisites:** KIN818

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAN819

**Campus offered:** KG

**Semester:** 1

### ► KIN824 PROJECT ADMINISTRATION

Project administration is a vital component of project management. Administration of a project consists of the development of all project documentation, including budgets, schedules and client correspondence. While the documentation must revolve around a sound methodology, the implementation of the methodology is only as successful as the administration of its documentation components and client interface. The Project Manager must have a sound working knowledge of both. The aim of this unit is to develop within the student the ability to create the documentation templates used within the project methodology, as well as write the content for many of the documents that require client review and approval. In addition, the student will create the documents required for successful client interaction.

**Courses:** KI42

**Prerequisites:** KIN818, KIN816, KIN817

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAN824

**Campus offered:** KG

**Semester:** 1

### ► KIN851 1/4 DESIGN PROJECT

Students enrolled in the Master of Communication Design are required to undertake a major project or an industry-related thesis. The creative project should have an industry or arts focus, and demonstrate an ability to apply academic and creative knowledge innovatively. This unit also provides the tools required (via frequent seminars) for students to be properly prepared to finish their major project and are able to complete a related thesis. Weekly discussion and presentation related to the major project are also required.

**Courses:** KI42 **Prerequisites:** KIN818, KIN816

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAN851 1/4

**Campus offered:** KG

**Semester:** 1, 2

### ► KIN851 2/4 DESIGN PROJECT

Students enrolled in the Master of Communication Design are required to undertake a major project or an industry-related thesis. The creative project should have an industry or arts focus, and demonstrate an ability to apply academic and creative knowledge innovatively. This unit also provides the tools required (via frequent seminars) for students to be properly prepared to finish their major project and are able to complete a related thesis. Weekly discussion and presentation related to the major project are also required.

**Courses:** KI42 **Prerequisites:** KIN818, KIN816

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAN851 2/4

**Campus offered:** KG

**Semester:** 1, 2

### ► KIN851 3/4 DESIGN PROJECT

Students enrolled in the Master of Communication Design are required to undertake a major project or an industry-related thesis. The creative project should have an industry or arts focus, and demonstrate an ability to apply academic and creative knowledge innovatively. This unit also provides the tools required (via frequent seminars) for students to be properly prepared to finish their major project and are able to complete a related thesis. Weekly discussion and presentation related to the major project are also required.

for students to be properly prepared to finish their major project and are able to complete a related thesis. Weekly discussion and presentation related to the major project are also required.

**Courses:** KI42 **Prerequisites:** KIN818, KIN816

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAN851 3/4

**Campus offered:** KG

**Semester:** 1, 2

### ► KIN851 4/4 DESIGN PROJECT

Students enrolled in the Master of Communication Design are required to undertake a major project or an industry-related thesis. The creative project should have an industry or arts focus, and demonstrate an ability to apply academic and creative knowledge innovatively. This unit also provides the tools required (via frequent seminars) for students to be properly prepared to finish their major project and are able to complete a related thesis. Weekly discussion and presentation related to the major project are also required.

**Courses:** KI42 **Prerequisites:** KIN818, KIN816

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAN851 4/4

**Campus offered:** KG

**Semester:** 1, 2

### ► KIN852/1 DESIGN PROJECT

Students enrolled in the Master of Creative Industries (Communication Design) are required to undertake a project or an industry-related thesis. The creative project should have an industry or arts focus, and demonstrate an ability to apply academic and creative knowledge innovatively. This unit also provides the tools required (via frequent seminars) for students to be properly prepared to finish their major project and are able to complete a related thesis. Weekly discussion and presentation related to the major project are also required.

**Courses:** KI43

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** KG

**Semester:** 1, 2, 3

### ► KIN852/2 DESIGN PROJECT

Students enrolled in the Master of Creative Industries (Communication Design) are required to undertake a project or an industry-related thesis. The creative project should have an industry or arts focus, and demonstrate an ability to apply academic and creative knowledge innovatively. This unit also provides the tools required (via frequent seminars) for students to be properly prepared to finish their major project and are able to complete a related thesis. Weekly discussion and presentation related to the major project are also required.

**Courses:** KI43

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** KG

**Semester:** 1, 2, 3

### ► KJB101 JOURNALISM INFORMATION SYSTEMS

Acquaints students with the uses journalists make of computers in their work: for word-processing, personal information management, time management, and gathering information for stories by searching online and CD-ROM databases, by analysing public records with spreadsheets and by using email to interview sources found on Internet Bulletin Boards and in Newsgroups, Usergroups, and Listservers.

**Courses:** open elective

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MJB101

**Campus offered:** GP

**Semester:** 1, 2

### ► KJB120 NEWSWRITING

Students learn to think like journalists, to evaluate events for their potential news value, to interview and perform other reporting tasks and to write news stories; the evolution and theories of reporting.

**Courses:** CI Open Elective

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** COB217, MJB120

**Campus offered:** GP

**Semester:** 1, 2

### ► KJB121 JOURNALISTIC INQUIRY

This unit will develop the basic skills learnt in Newswriting: generating story ideas, researching, conducting interviews, and finding news values and news angles, and apply them in a practical context. Students will also learn about how practical newswriting skills fit into an online envi-

## UNIT SYNOPSES

ronment. Students will be introduced to the rigours of deadlines and will have opportunities to write stories related to different news rounds throughout the semester.

**Courses:** IF05, IF07, KJ32  
**Prerequisites:** KJB120, KJB101  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MJB121  
**Campus offered:** GP **Semester:** 1, 2

### ► KJB224 FEATURE WRITING

Students conduct interviews and other research, which they use to write internet, newspaper and magazine articles that profile personalities or that treat processes, events and places to exploit their human-interest value. Undergraduate students may enrol in KJB224, while postgraduate students must take KJP224.

**Courses:** IF05, IF07, KJ32, KK32, KW32  
**Prerequisites:** KJB120  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MJB224, KJP224  
**Campus offered:** GP **Semester:** 1, 2

### ► KJB232 RADIO AND TELEVISION JOURNALISM 1

Should be combined with KJP232. The practical and theoretical aspects of radio and television media are studied and applied through production of broadcast news programs. Students learn broadcast style and usage and the evaluation of television and radio products. Strong emphasis is placed on current affairs knowledge.

**Courses:** IF05, IF07, KJ32, KJ36  
**Prerequisites:** KJB121 and KJB155. Available to JOU majors only.  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MJB232  
**Campus offered:** GP **Semester:** 2

### ► KJB239 JOURNALISM ETHICS AND ISSUES

QUT Journalism supports the development of socially responsible, ethical journalists. KJB239 is a core journalism unit. It begins with an overview of western and eastern moral philosophical traditions and moves on to examine current journalistic practice in the context of Australian and international news media operations, regulatory bodies and the stance of professional journalism organisations. Students generate ethical dilemmas and work through them individually, making difficult decisions about issues such as invasion of privacy, protection of sources and conflict of interest. The impact of developing information and communication technologies is also addressed.

**Courses:** IF05, IF07, KJ32, KJ36  
**Prerequisites:** KJB121  
**Corequisites:** KJB121  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MJB239  
**Campus offered:** GP **Semester:** 1

### ► KJB280 INTERNATIONAL JOURNALISM

This unit identifies, compares and analyses the diversity of journalistic practice in different countries and regions. In this unit, students will look at historical conditions that have led to variations in journalism across the world, how different politico-economic systems affect journalistic activity, and how and why different news media take distinct approaches to covering world issues. Students will develop the cross-cultural awareness and background knowledge required to identify story ideas, relate to sources and produce news reports in different countries and cultural environments. A seminar program will include papers for assessment on topics such as, significance of news coverage during international crises; development news; profiles of correspondents as residents or itinerants; or new media in international communication, through news services or in private use. For their assessment, students will have the opportunity to study and report on chosen countries or regions and current news issues of international relevance. Some students may choose to complete some portions of the assessment through praxis abroad including placements in international news organisations.

**Courses:** IF05, IF07, KJ32, KJ35, KJ36

**Prerequisites:** KJB121  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MJB280  
**Campus offered:** GP **Semester:** 2

### ► KJB303 NEWS PRODUCTION

This advanced unit examines the activities of media industries and media firms. It addresses practical issues such as managing deadlines; planning and decision-making in the newsroom; leadership and motivation. Work is done in online journalism, newspaper production, radio and television.

**Courses:** IF05, IF07, KJ32  
**Prerequisites:** KJB322, KJB338  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MJB303  
**Campus offered:** GP **Semester:** 2

### ► KJB322 DESKTOP PUBLISHING AND EDITING

Introduction to the basic copy editing and design principles for newspapers. These skills are incorporated with the latest electronic publishing technology with specific reference to newspapers. Students use agency copy from worldwide sources, and local reports in news and feature page design exercises. Exercises are provided in desktop publishing.

**Courses:** IF05, IF07, KJ32  
**Prerequisites:** KJB224  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MJB322  
**Campus offered:** GP **Semester:** 1, 2

**► KJB337 PUBLIC AFFAIRS REPORTING**  
 Advanced reporting unit stressing the watchdog role of the news media and utilising investigative techniques, including computer-assisted reporting, Internet and other online searching. Students write news feature stories for possible publication, and engage in case study/role play exercises for understanding public events/processes and their relationships to news media. The unit is taught in three hour blocks over the first nine weeks of semester.

**Courses:** IF07, IF05, KJ32  
**Prerequisites:** KJB224. Available to JOU majors only.  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MJB337  
**Campus offered:** GP **Semester:** 2

### ► KJB338 RADIO AND TELEVISION JOURNALISM 2

Philosophy and formulation of radio and television news and current affairs, anchor techniques, radio and television news production using computers.

**Courses:** IF05, IF07, KJ32  
**Prerequisites:** KJB232  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MJB338  
**Campus offered:** GP **Semester:** 1

### ► KJP105 THEORIES OF JOURNALISM

A summary of the body of literature pertaining to the theories of journalism; identification of individual research interests; attention to the empirical traditions; summary of issues at an advanced level from journalists perspectives through close reading of core texts.

**Courses:** KJ35, KJ36, KK51, KK53  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MJP105  
**Campus offered:** GP **Semester:** 1

### ► KJP120 NEWSWRITING

Should be combined with KJB120. Students learn to think like journalists, to evaluate events for their potential news value, to interview and perform other reporting tasks and to write news stories; the evolution and theories of reporting.

**Courses:** KJ35  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MJP120  
**Campus offered:** GP **Semester:** 1, 2

### ► KJP224 FEATURE WRITING

Students conduct interviews and other research, which they use to write internet, newspaper and magazine articles that profile personalities or that treat processes, events and places to exploit their human-interest value. Undergraduate students

may not enrol in KJP224; instead they can take KJB224.

**Courses:** KJ35, KJ36  
**Prerequisites:** Enrolment in KJ35, KJ36 or any other postgraduate course  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MJP224, KJB224  
**Campus offered:** GP **Semester:** 1, 2

### ► KJP232 RADIO AND TELEVISION JOURNALISM 1

Should be combined with KJB232. The practical and theoretical aspects of radio and television media are studied and applied through production of broadcast news programs. Students learn styles and usage and the evaluation of television and radio products. Strong emphasis is placed on current affairs knowledge.

**Courses:** KJ35  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MJP232  
**Campus offered:** GP **Semester:** 2

### ► KKB018 CREATIVE INDUSTRIES

This unit provides an overview of the creative industries as a major element of the global knowledge economy. It critically analyses issues such as the rise of a knowledge-based economy, technological convergence, globalisation, intellectual property, and the relationship between creative and artistic practice and the commercial market place. Such issues are critical for creative industries professionals and practitioners. This unit prepares them for the perpetually changing, portfolio- and project-based workplace they are likely to encounter.

**Courses:** CI Core Unit  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP, KG **Semester:** 1, 2

### ► KKB055 PROFESSIONAL PRACTICE

This unit offers final-year students the opportunity to immerse themselves within the professional culture of their chosen field through secondment to professional organisations and companies. These secondments will enable the students to gain insights into the practical application of their course work and also establish valuable professional contacts for their future employment. Access to this unit will be reserved for students who have demonstrated an outstanding level of self-directed learning and a high level of requisite skills.

**Prerequisites:** 3rd yr students (except Dance); GPA of 5 and above; approval by discipline co-ord

**Credit points:** 12  
**Incompatible with:** AAB055  
**Campus offered:** KG **Semester:** 1, 2

### ► KKB055 PROFESSIONAL PRACTICE

This unit offers final-year students the opportunity to immerse themselves within the professional culture of their chosen field through secondment to professional organisations and companies. These secondments will enable the students to gain insights into the practical application of their course work and also establish valuable professional contacts for their future employment. Access to this unit will be reserved for students who have demonstrated an outstanding level of self-directed learning and a high level of requisite skills.

**Credit points:** 12  
**► KKB057 INDEPENDENT STUDY**

This unit is designed for those students who wish to investigate an area of study not centrally covered in their course and who wish to have the opportunity to construct and execute their own project. The project may be either theoretical in the field of scholarship or comprise practical discipline work. Collaborative projects involving other students are encouraged.

**Prerequisites:** Third year students; GPA of 5 and above; approval of project by discipline co-ord

**Credit points:** 12  
**Incompatible with:** AAB057  
**Campus offered:** GP, KG **Semester:** 1, 2

### ► KKB218 CREATIVITY

This unit problematises notions of Creativity. It aims to promote an awareness of the implications

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of differing environments, conditions and cultures on the 'creative' individual. It takes into account creative process theories and applications. This unit underpins/introduces the analytical, critical, theoretical and practical approaches which will be expanded upon in a range of Creative Industries units.

**Courses:** CI Core Unit  
**Contact hours:** 3-4 per week **Credit points:** 12  
**Campus offered:** GP, KG **Semester:** 1, 2

### ► KKB275 CREATIVE INDUSTRIES LEGAL ISSUES

Introduces Creative Industries students to the law which applies to their professional practice and theoretical study. The unit aims to provide a foundational approach to general aspects of law as well as particular topics for students in these fields. The unit is based on a core set of lectures and tutorials which are offered in two strands: Strand 1 for Journalism and Media Communication; Strand 2 for other Creative practices.

**Courses:** CI Core Unit  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► KKB335 PROFESSIONAL MEDIA PRACTICE

An opportunity to observe and gain insight into the applications of theory to practice. The student is placed with an approved employer. The lecturer in charge of the unit obtains reports from the student at regular intervals. The student is required to contract the completion of a progressive assessment program. The students result is determined on the basis of reports, continuous assessment and the employers report.

**Courses:** Available to Journalism or FTV majors only. Not available to study abroad or cross institutional students.

**Prerequisites:** For Journalism majors KJB322 or KJB338; for FTV majors KPB155, KPB185  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MJB335  
**Campus offered:** GP **Semester:** 1, 2

### ► KKB390 SUPERVISED PROJECT

Students will undertake a project with the approval of the Head of Discipline in Film and Television, Journalism, Media Communication or in special cases only, in Creative Writing and Cultural Studies. In Media Communication this unit is available only if appropriate staff and resources are available.

**Courses:** Film and Television (BFA only), Journalism, Media Studies and Creative Writing majors only.

**Prerequisites:** 96 credit points of undergraduate study in the relevant discipline  
**Contact hours:** 3 per week for group projects  
**Credit points:** 12

**Incompatible with:** MJB390  
**Campus offered:** GP **Semester:** 1, 2

### ► KKB418 TRANSFORMING CULTURES

Within this unit the emphasis is on providing students with an understanding of the process of cultural transformation. The unit is organised around three major thematic blocks, each lasting four weeks. These themes are Time and Space, Bodies and Boundaries and Cultures and Contact.

**Courses:** Creative Industries Core Unit  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP, KG **Semester:** 1, 2

### ► KKB618 WRITING FOR CREATIVE INDUSTRIES

Students are introduced to the practices and process skills necessary for writing successfully. The three foundational, transferable skills are acquiring information and ideas; organising the information and ideas; and writing appropriately for various audiences.

**Courses:** Creative Industries Core Unit  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP, KG **Semester:** 1, 2

### ► KKB818 INTRODUCTION TO MULTIMEDIA TECHNOLOGY

This unit provides an introduction to theories and skills underpinning the application of multimedia technology within the Creative Industries, providing a foundation of conceptual and practical

skills related to contemporary modes of electronic hypermedia production, communication and publishing.

**Courses:** Creative Industries Core Unit, KI32  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB818  
**Campus offered:** KG **Semester:** 1, 2, 3

### ► KKB914 VISUAL AND PERFORMING ARTS CURRICULUM 1

The practical, intellectual, conceptual and aesthetic functions of the arts make it a unique and essential mode of learning to contribute to a broad, balanced and relevant curriculum which addresses individual aptitudes and abilities. This subject introduces students to the arts as a circle of disciplines which share similar processes and fulfil related roles in the curriculum

**Courses:** ED56, ED51, IF82  
**Prerequisites:** 12 **Incompatible with:** AAB914  
**Campus offered:** KG **Semester:** 2

### ► KKB916 ADV VISUAL AND PERFORMING ARTS CURRICULUM

The curriculum of dance, drama, music or visual arts to an advanced level; designing and implementing programs in one of the disciplines for the primary school; action research in the classroom to monitor and evaluate an arts curriculum project.

**Courses:** ED51  
**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 2

### ► KKB918 ARTS FOUNDATION STUDIES

Foundation experiences introducing the art forms of dance, drama, music and the visual arts; the purposes and functions of the arts in society; practical workshops in each discipline; visits to galleries and theatres in a range of community contexts.

**Courses:** ED43, ED51, ED52  
**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 1

### ► KKD018 CREATIVE INDUSTRIES

Provides an overview of the creative industries as a major element of the global knowledge economy. It critically analyses issues such as the rise of a knowledge-based economy, technological convergence, globalisation, intellectual property, and the relationship between creative and artistic practice and the commercial marketplace.

**Courses:** IF06  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** KKB018  
**Campus offered:** KG **Semester:** 1, 3

### ► KKD218 CREATIVITY

This unit is central to the Creative Industries program because it offers a basis in understanding the concept of 'creativity' and in the acquisition of skills that promote the creative process and practice throughout a variety of workplace environments and technologies. It is relevant for all working in the Creative Industries professions. Under review.

**Courses:** IF06  
**Contact hours:** 4 per week **Credit points:** 12  
**Semester:** 1, 3

### ► KKD618 WRITING FOR CREATIVE INDUSTRIES

Introduces students to the practices and process skills necessary for writing successfully. The three foundational, transferable skills are acquiring information and ideas; organising the information and ideas; and writing appropriately for various audiences.

**Courses:** IF06  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** KKB618  
**Campus offered:** KG **Semester:** 2

### ► KKN001 HONOURS PROJECT 1

Students enrolled in the Honours course are required to undertake a major project including a thesis component. The creative project should have an industry or arts focus, and demonstrate an ability to apply academic and creative knowledge innovatively.

**Courses:** KK52, KK53, KK54, KK55  
**Credit points:** 24 **Incompatible with:** AAB001  
**Campus offered:** GP, KG **Semester:** 1, 2

### ► KKN002 GRADUATE SEMINAR

Seminar program of formal presentations of arts research projects by Honours students. Students also attend weekly presentations in the Masters graduate seminar series.

**Courses:** KK52, KK53  
**Contact hours:** 3 per week **Credit points:** 12

### ► KKN003 HONOURS PROJECT 2

Students enrolled in the Honours course are required to undertake a major project including a thesis component. The creative project should have an industry or arts focus, and demonstrate an ability to apply academic and creative knowledge innovatively.

**Courses:** KK52, KK53, KK54, KK55  
**Prerequisites:** KKN001 **Credit points:** 36

### ► KKN006 INDEPENDENT STUDY

Independent work of an artistic or scholarly nature which is of limited scope compared with the research project. The student devises an outline of study and/or action in consultation with a staff supervisor. Artistic outcomes would normally be expected to be to the standard of public showing. Written presentation requires a minimum of 6000-10000 words, or equivalent if other media/reportage is used.

**Courses:** KK42  
**Credit points:** 12

### ► KKN007 1/8 RESEARCH PROJECT

Students enrolled part-time or full-time in KK51 Master of Arts (Research) undertake a research project as the major component of their studies.

This project may take the form of: EITHER a research thesis; OR a creative project accompanied by a written component. The creative project could include an exhibition of visual art; a performance (dance, drama, music); or choreography, script or score; or a book-length work of fiction or non-fiction; or a film or multi-media script or production. Units may be either taken one per semester or several per semester, depending on the enrolment pattern recommended by the School in the Course Summary Sheet, in accordance with the desired length of candidature, mode (full- or part-time), and entry qualifications (three or four year qualified).

**Courses:** KK51 **Contact hours:** 1 per week  
**Credit points:** 96 (12 each)  
**Incompatible with:** AAN007

### ► KKN011 ADVANCE PROFESSIONAL PRACTICE 1

An investigation of the student's professional practice through observation and research in consultation with the supervisor.

**Courses:** KK42  
**Contact hours:** 3 per week **Credit Points:** 12  
**Incompatible with:** AAN011  
**Campus offered:** KG **Semester:** 1, 2

### ► KKN012 ADVANCED PROFESSIONAL PRACTICE 2

Extension and elaboration of the student's professional practice through evaluation and analysis in consultation with the supervisor.

**Courses:** KK42  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAN012  
**Campus offered:** KG **Semester:** 1, 2

### ► KKN013 ADVANCED PROFESSIONAL PRACTICE 3

A significant artistic outcome as part of the student's skills development including research, rehearsal and preparation for an exhibition or performance.

**Courses:** KK42  
**Contact hours:** 12 per week **Credit points:** 24  
**Incompatible with:** AAN013  
**Campus offered:** KG **Semester:** 1, 2

### ► KKN014 DISCIPLINE STUDY

Working with other students from their home discipline this unit investigates issues of theory and practice in the visual and performing arts. It will address immediate problems of professional practice and the reflexive relationship between theory and practice.

**Courses:** KK42  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAN014  
**Campus offered:** KG **Semester:** 1, 2

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### ► KKN016 FRAMEWORKS FOR PERFORMANCE

Addresses issues in interpretation for the musical performer. Students will examine models and frameworks of interpretation with particular reference to their principal instrument.

**Courses:** KK42

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAN016

**Campus offered:** KG **Semester:** 2

### ► KKN020 RESEARCH METHODS IN VISUAL AND PERFORMING ARTS

Advanced information retrieval, academic writing and technical literacy, research proposal, literature review, project management for researchers and the politics, business and ethics of research in the visual and performing arts.

**Courses:** KK42, KK51

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAN020

**Campus offered:** KG **Semester:** 1

### ► KKN058 ARTS RESEARCH

An introduction to current research methods and approaches in the arts, the unit addresses the issues of the status of the observer, as well as arts practice as research. This unit is a prerequisite for entry to Honours.

**Courses:** KD25, KS25, KS26, KT32, KM32, KV25, KV32

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAN058

**Campus offered:** GP, KG **Semester:** 1

### ► KKP107 DISSERTATION

The culmination of the degree in Creative Writing Production, Film and Television Production, Journalism or Media Studies in that students apply the theory and research material covered in earlier units to explore in some depth an applied or theoretical topic in their chosen discipline area. The dissertation is normally based on information from secondary sources and consists of a written report of approximately 12000 to 15000 words. It is also possible to undertake a creative work such as a film or multimedia script or production. Students enrol in four sequential 12 credit point units (KKP107/1, KKP107/2, KKP107/3, KKP107/4) until they have completed 48 credit points. Normally, KKP107/1 will involve students beginning to apply the theory and research material covered in earlier units, to a chosen dissertation topic, in consultation with an approved supervisor. KKP107/2 will involve students consolidating the preparatory work begun in KKP107 /1 by preparing drafts of two chapters under structured supervision. KKP107/3 and KKP107/4 completes the sequence of dissertation units. Students complete the drafting of their dissertation and revise to a final copy for submission under supervision. Length will be 12000 to 15000 words or an equivalent in other media forms.

**Prerequisites:** Normally, KKP391 and one of KWP103, KPP104, KJP105, KCP110.

**Credit points:** 48 total

**Incompatible with:** MJP107 1-4

**Campus offered:** GP **Semester:** 1, 2

### ► KKP391 MEDIA RESEARCH METHODS

This unit will develop applied skills in research strategies and methodologies relevant to the disciplines of creative writing, film and television production, journalism and media studies, and to the study of media industries, texts, audiences and professional practice. It combines analysis of areas of media research, including organisational, policy, content, critical and creative practice research, with the development of appropriate methodologies and strategies for the development of research projects, and the application of information technology and generic research skills to these projects. The unit will also provide an overview of issues involved in research outside of the educational context, including work with professional groups, consultancy research and publication and career development strategies.

**Courses:** KK51, KK52, KK53, KK54

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MJP391

**Campus offered:** GP **Semester:** 1

### ► KMB056 PROFESSIONAL STUDIES

This unit aims to facilitate a smooth and confident transition from undergraduate experiences to life in the arts workforce. Exploration of current issues in the arts, and development of professional skills including public speaking, meeting procedures and career management.

**Courses:** KM32

**Prerequisites:** KMB635 or KMB637

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB056

**Campus offered:** KG **Semester:** 2

### ► KMB616/1 ENSEMBLE PROJECT A

Students experience the cooperative interaction of music-making as a participant or a leader. Options include: leadership in one group, participation in two groups, or participation in one group and submission of a written research essay on an approved topic relating to music practice. As this is a year long unit, students must enrol in KMB616/2 in the second semester.

**Courses:** IF77, KM32

**Prerequisites:** Approval of Unit Coordinator

**Credit points:** 12 **Incompatible with:** AAB616

**Campus offered:** KG **Semester:** 1

### ► KMB616/2 ENSEMBLE PROJECT A

Students experience the cooperative interaction of music-making as a participant or a leader. Options include: leadership in one group, participation in two groups, or participation in one group and submission of a written research essay on an approved topic relating to music practice. As this is a year long unit, students must complete KMB616/1 in the first semester.

**Courses:** IF77, KM32

**Prerequisites:** Approval of Unit Coordinator

**Contact hours:** AAB616 **Credit points:** 12

**Campus offered:** KG **Semester:** 2

### ► KMB617 ARRANGING

Development of composition and arranging skills for instrumental/choral ensembles using music of various styles.

**Courses:** IF77, KM32

**Prerequisites:** AAB630, KMB630

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** KG **Semester:** 2

### ► KMB618 SOUNDTRACKS FOR FILM AND TELEVISION

Development of programmatic compositional skills with particular reference to the impact of music on moving pictures and an understanding of SMPTE and a study of film analysis with visual and/or thematic coding.

**Courses:** IF77, KM32

**Prerequisites:** KMB619 or KMB633 or equivalent

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB628

**Campus offered:** KG **Semester:** 1

### ► KMB619 MUSIC AND SOUND TECHNOLOGY

An introduction to the broad range of options available to the musician in the age of technology. Through the universal electronic language of MIDI students explore sequencers as a tool for composition as well as basics of sound.

**Courses:** KM32, IF77

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB619

**Campus offered:** KG **Semester:** 1, 2

### ► KMB621 SOUND RECORDING AND ACOUSTICS

An introduction to the fundamentals of the physical world of sound, basic signal flow, sound recording and acoustics.

**Courses:** IF77, KI25, KI32, KM32, KS25, KS26, KT32

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB621

**Campus offered:** KG **Semester:** 1, 2

### ► KMB622 SECOND STUDY 1

Widens the base of a student's practical skills through the study of a second instrument or voice. Students normally choose an instrument closely related to that of their Principal Study.

**Courses:** IF77, KM32

**Prerequisites:** Available only to Performance majors

**Contact hours:** 2 per week **Credit points:** 12

**Incompatible with:** AAB622

**Campus offered:** KG **Semester:** 2

### ► KMB623 CONDUCTING

Introduces students to a wide range of music and styles and assists them to achieve artistic objectives in music performance through conducting workshop activities including practical conducting, stylistic practices, repertoire and rehearsal and performance techniques.

**Courses:** IF77, KM32

**Prerequisites:** KMB633 or approval of Unit Coordinator

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB623

**Campus offered:** KG **Semester:** 1

### ► KMB626 MUSIC AND SOUND FOR MULTIMEDIA

This unit deals with studio recording techniques, computer-assisted composition, the role of music in non-linear structures, the effect and affect of sound in digital media productions, sound effects and Foley techniques, musical acoustics, and digital sound theory.

**Courses:** IF77, KM32

**Prerequisites:** KMB621 or KMB619

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB626

**Campus offered:** KG **Semester:** 1, 2

### ► KMB628 SECOND STUDY 2

Continues the development of a student's practical skills through the study of a second instrument or voice.

**Courses:** IF77

**Prerequisites:** KMB622

**Contact hours:** 2 per week **Credit points:** 12

**Incompatible with:** AAB628

**Campus offered:** KG **Semester:** 2

### ► KMB629/1 ENSEMBLE PROJECT B

Students experience the cooperative interaction of music-making as a participant or a leader. Options include: leadership in one ensemble, participation in two ensembles, or participation in one ensemble and submission of a written research essay on an approved topic relating to music practice. As this is a year long unit, students must enrol in KMB629/2 in the second semester.

**Courses:** AA91, F77, KM32

**Prerequisites:** KMB616 and approval of Unit Coordinator

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB629

**Campus offered:** KG **Semester:** 1

### ► KMB629/2 ENSEMBLE PROJECT B

Students experience the cooperative interaction of music-making as a participant or a leader. Options include: leadership in one ensemble, participation in two ensembles, or participation in one ensemble and submission of a written research essay on an approved topic relating to music practice. As this is a year long unit, students must complete KMB629/1 in the first semester.

**Courses:** AA91, IF77, KM32

**Prerequisites:** KMB616 and approval of Unit Coordinator

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB629

**Campus offered:** KG **Semester:** 2

### ► KMB630 MUSIC TEXTURES

An introduction to the concepts of texture in music. The study of textural design has been enriched by recent developments in music technology, enabling music to be heard as pure timbre in the sound media. This unit includes the techniques of orchestration, and other arranging techniques.

**Courses:** IF77, KM32

**Prerequisites:** KMB632 or approval of Unit Coordinator

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB630

**Campus offered:** KG **Semester:** 1

### ► KMB631 WORLD MUSIC

Through a series of lectures, demonstrations and tutorials the student will gain an awareness and better understanding of world music, its particu-

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lar significance within Australia and its impact upon contemporary music.

**Courses:** CI Open Elective  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB631  
**Campus offered:** KG **Semester:** 1

► **KMB632 CORE MUSICIANSHIP 1**

Students will develop strategies for problem solving techniques in creative musical thinking, and music making. Content includes aural training, composition techniques, contextual study, analysis, composition and improvisation presentations and the application of computer music printing software.

**Courses:** KM32, IF77  
**Contact hours:** 4.5 per week **Credit points:** 12  
**Incompatible with:** AAB632  
**Campus offered:** KG **Semester:** 1

► **KMB633 CORE MUSICIANSHIP 2**

Students will further develop skills in creative musical thinking and music making. Content includes aural training, keyboard lab, composition techniques, contextual study, analysis, composition and improvisation presentations.

**Courses:** KM32, IF77 **Prerequisites:** KMB632  
**Contact hours:** 4.5 per week **Credit points:** 12  
**Incompatible with:** AAB633  
**Campus offered:** KG **Semester:** 2

► **KMB634 CONTEMPORARY ART MUSICIANSHIP**

Music making processes have changed with developments in new media and media integration. This unit develops skills in this area such as sonic and psycho-acoustic thinking, synthesis, sampling and applying software applications.

**Courses:** KM32, IF77  
**Prerequisites:** KMB633  
**Contact hours:** 5 per week **Credit points:** 12  
**Incompatible with:** AAB634  
**Campus offered:** KG **Semester:** 2

► **KMB635 SOUND MEDIA MUSICIANSHIP**

This unit offers an in-depth study of music as a sound phenomenon. It explores music through understanding the physics of sound, psycho-acoustics, spectro-morphology, and digital tools for sound manipulation. As a musicianship unit, this exploration involves analysis, research and composition.

**Courses:** KM32, IF77 **Prerequisites:** KMB633  
**Contact hours:** 5 per week **Credit points:** 12  
**Incompatible with:** AAB635  
**Campus offered:** KG **Semester:** 2

► **KMB636 CROSS CULTURAL MUSICIANSHIP**

Music operates in a complex cultural environment fuelled by increased communication and technology. In this unit the student's ability to recognise, analyse and create music drawing from a diverse range of cultures is developed.

**Courses:** KM32, IF77 **Prerequisites:** KMB633  
**Contact hours:** 5 per week **Credit points:** 12  
**Incompatible with:** AAB636  
**Campus offered:** KG **Semester:** 1

► **KMB637 JAZZ AND POPULAR MUSIC MUSICIANSHIP**

This unit offers a study of the development of jazz and contemporary popular music through analysis, composition and complementary aural and keyboard musicianship sessions.

**Courses:** KM32, IF77 **Prerequisites:** AAB632  
**Contact hours:** 5 per week **Credit points:** 12  
**Incompatible with:** AAB637  
**Campus offered:** KG **Semester:** 1

► **KMB638 SOUND AND IMAGE**

Students explore why they are influenced and manipulated by the interaction of narrative, moving images, sound (including music) and their imagination. Through a discussion of classic and contemporary world examples students map this interplay through analysis, criticism and viewing.

**Courses:** CI Open Elective  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB638  
**Campus offered:** KG **Semester:** 1

► **KMB639/1 MUSIC DIRECTING**

Students experience the cooperative interaction of music-making as a participant or a leader.

Options include: leadership in one ensemble, participation in two ensembles, or participation in one ensemble and submission of a written research essay on an approved topic relating to music practice. As this is a year long unit, students must enrol in KMB639/2 in the second semester.

**Courses:** IF77, KM32  
**Prerequisites:** KMB630 and approval of the Unit Coordinator  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB639  
**Campus offered:** KG **Semester:** 1

► **KMB639/2 MUSIC DIRECTING**

Students experience the cooperative interaction of music-making as a participant or a leader. Options include: leadership in one ensemble, participation in two ensembles, or participation in one ensemble and submission of a written research essay on an approved topic relating to music practice. As this is a year long unit, students must complete KMB639/1 in the first semester.

**Courses:** IF77, KM32  
**Prerequisites:** KMB630 and approval of Unit Coordinator  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB639  
**Campus offered:** KG **Semester:** 2

► **KMB640 SEX DRUGS ROCK N ROLL**

Students will gain an insight into the musical, societal, artistic economic and political landscape of the innovative music of the 21st century including rock and pop music, world music, dance music, indigenous music and new age music.

**Courses:** CI Open Elective  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB640  
**Campus offered:** KG **Semester:** 2

► **KMB648 THE MUSIC SCENE**

The 1960s saw Australian music starting to break free from its colonial past. With this came an impetus to provide the necessary industry to support the developing music culture. In parallel, Australian popular and indigenous music was beginning to achieve some worldwide successes. Today with the increasing globalisation of the music industry, the local scene takes on new meanings. This unit will explore these relationships both musically and culturally.

**Courses:** KM32, IF77, CI Open Elective  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB648  
**Campus offered:** KG **Semester:** 1

► **KMB649 INTRODUCTORY MUSICIANSHIP**

Students will study improvisation and music production, undertake an extensive listening program and develop sound creative and conceptual skills. The unit is intended to stimulate both beginners and experienced musicians, adopting a fresh approach to the field.

**Courses:** All except AA91, KM32, IF77  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** KG **Semester:** 1

► **KMB650 INTRODUCTORY ENSEMBLE**

This unit allows students to work in an ensemble or group activity. The cooperative interaction of performance and other music-making activities is an essential ingredient in the training of the mature musician and one which will enhance both the individual and the group. The benefits reach into daily life and assist the student to better work in groups.

**Courses:** All except AA91, KM32, IF77  
**Credit points:** 12 **Incompatible with:** AAB650  
**Campus offered:** KG **Semester:** 2

► **KMB651 MUSIC PERFORMANCE STUDIES 1**

This series of sequential units begins with the development of a secure and reliable technique on a principal instrument or voice. Content includes individual lessons and master classes, participation in weekly performance seminars and group rehearsals of a wide range of music appropriate to the ensemble of choice.

**Courses:** IF77, KM32  
**Contact hours:** 5 per week **Credit points:** 12

**Incompatible with:** AAB651

**Campus offered:** KG **Semester:** 1

► **KMB652 MUSIC PERFORMANCE STUDIES 2**

This series of sequential units begins with the development of a secure and reliable technique on a principal instrument or voice. Content includes individual lessons and master classes, participation in weekly performance seminars and group rehearsals of a wide range of music appropriate to the ensemble of choice.

**Courses:** IF77, KM32  
**Contact hours:** 5 per week **Credit points:** 12  
**Incompatible with:** AAB652  
**Campus offered:** KG **Semester:** 2

► **KMB653 MUSIC PERFORMANCE STUDIES 3**

This series of sequential units begins with the development of a secure and reliable technique on a principal instrument or voice. Content includes individual lessons and master classes, participation in weekly performance seminars and group rehearsals of a wide range of music appropriate to the ensemble of choice.

**Courses:** IF77, KM32  
**Contact hours:** 5 per week **Credit points:** 12  
**Incompatible with:** AAB653  
**Campus offered:** KG **Semester:** 1

► **KMB654 MUSIC PERFORMANCE STUDIES 4**

This series of sequential units begins with the development of a secure and reliable technique on a principal instrument or voice. Content includes individual lessons and master classes, participation in weekly performance seminars and group rehearsals of a wide range of music appropriate to the ensemble of choice.

**Courses:** IF77, KM32  
**Contact hours:** 5 per week **Credit points:** 12  
**Incompatible with:** AAB654  
**Campus offered:** KG **Semester:** 2

► **KMB657 MUSIC PRODUCTION STUDIES 1**

Sequential units beginning with the development of a secure and reliable technique on a composition or production skill. Content includes small group learning work, attendance and participation in weekly performance seminars and group rehearsals of a wide range of music appropriate to the ensemble of choice.

**Courses:** IF77, KI25, KM32, KV25  
**Contact hours:** 5 per week **Credit points:** 12  
**Incompatible with:** AAB657  
**Campus offered:** KG **Semester:** 1

► **KMB658 MUSIC PRODUCTION STUDIES 2**

Sequential units beginning with the development of a secure and reliable technique on a composition or production skill. Content includes small group learning work, attendance and participation in weekly performance seminars and group rehearsals of a wide range of music appropriate to the ensemble of choice.

**Courses:** IF77, KI25, KM32, KV25  
**Prerequisites:** KMB657  
**Contact hours:** 5 per week **Credit points:** 12  
**Incompatible with:** AAB658  
**Campus offered:** KG **Semester:** 2

► **KMB659 MUSIC PRODUCTION STUDIES 3**

Sequential units beginning with the development of a secure and reliable technique on a composition or production skill. Content includes small group learning work, attendance and participation in weekly performance seminars and group rehearsals of a wide range of music appropriate to the ensemble of choice.

**Courses:** IF77, KI25, KM32, KV25  
**Prerequisites:** KMB658  
**Contact hours:** 5 per week **Credit points:** 12  
**Incompatible with:** AAB659  
**Campus offered:** KG **Semester:** 1

► **KMB660 MUSIC PRODUCTION STUDIES 4**

Sequential units beginning with the development of a secure and reliable technique on a composition or production skill. Content includes small group learning work, attendance and participa-

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tion in weekly performance seminars and group rehearsals of a wide range of music appropriate to the ensemble of choice.

**Courses:** IF77, KI25, KM32

**Prerequisites:** KMB659

**Contact hours:** 5 per week **Credit points:** 12

**Incompatible with:** AAB660

**Campus offered:** KG

**Semester:** 2

### ► KMB681 MUSIC PROJECT 1

The unit aims to develop to an advanced level the technical, interpretive, collaborative and creative skills acquired previously in the course, thus assisting the student's emerging practice as a musician. This is achieved through a substantially independent mode of learning involving project management. The unit further aims to develop students' musical abilities through the projects, seminars, workshops, events, performances, presentations, and work experience. Projects may fit into the following categories: performance, presentation, interdisciplinary/multidisciplinary project, or workplace secondment.

**Courses:** KM32, AA91

**Prerequisites:** 4 units from KMB651–KMB660 and one from KMB634–KMB637

**Contact hours:** 6 per week **Credit points:** 24

**Campus offered:** KG

**Semester:** 1, 2

### ► KMB682 MUSIC PROJECT 2

The purpose of this unit is to augment and/or develop the work undertaken in Music Project 1. This is achieved through a substantially independent mode of learning involving project management. The unit further aims to develop students' musical abilities through the projects, seminars, workshops, events, performances, presentations, and work experience.

**Courses:** KM32, AA91

**Prerequisites:** A pass or concurrent enrolment in KMB681

**Contact hours:** 6 per week **Credit points:** 24

**Campus offered:** KG

**Semester:** 1, 2

### ► KMN601 MUSIC PROJECT 1

This is the first in a sequence of self-directed project units. Students will undertake a music project of relevance to the creative industries. This will incorporate discovery, practice and reflection. This unit may be taken in the most appropriate location to ensure a successful outcome and the detail would be agreed with their supervisor.

**Courses:** AA95, KM35, KM36, KM42

**Contact hours:** 3 per week **Credit points:** 24

**Incompatible with:** AAN601

**Campus offered:** KG

**Semester:** 1, 2, 3

### ► KMN602 MUSIC PROJECT 2

This unit follows from KMN601 and enables students to further develop their project.

**Courses:** AA95, KM35, KM36, KM42

**Prerequisites:** KMN601

**Contact hours:** 3 per week **Credit points:** 24

**Incompatible with:** AAN602

**Campus offered:** KG

**Semester:** 1, 2, 3

### ► KMN603 MUSIC PROJECT 3

This unit follows from KMN602 and enables students to further develop their project.

**Courses:** AA95, KM35, KM36, KM42

**Prerequisites:** KMN602

**Contact hours:** 3 per week **Credit points:** 24

**Incompatible with:** AAN603

**Campus offered:** KG

**Semester:** 1, 2, 3

### ► KMN604 MUSIC PROJECT 4

This unit follows from KMN603 and enables students to further develop their project.

**Courses:** AA95, KM35, KM36, KM42

**Prerequisites:** KMN603

**Contact hours:** 3 per week **Credit points:** 24

**Incompatible with:** AAN604

**Campus offered:** KG

**Semester:** 1, 2, 3

### ► KMN605 MUSIC PROJECT 5

This unit follows from KMN604. In this unit the student will complete their project.

**Courses:** AA95, KM35, KM36, KM42

**Prerequisites:** KMN604

**Contact hours:** 3 per week **Credit points:** 24

**Incompatible with:** AAN605

**Campus offered:** KG

**Semester:** 1, 2, 3

### ► KMN606 ADVANCED DIGITAL RECORDING

Students will follow and integrated course of theory and practice. They will use industry standard software for digital recording to create a portfolio of recordings using either their own equipment or the music and sound labs at QUT.

**Courses:** AA95, KM35, KM36, KM42

**Prerequisites:** KMB619 OR KMB621

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAN606

**Campus offered:** KG

**Semester:** 1, 2, 3

### ► KMN609 INDEPENDENT PROJECT

It is important for those students who wish to investigate an area of study not centrally covered in the compulsory units, to have the opportunity to construct and execute a project in an area of their own choice. The project may be in the field of scholarship and research or in creative work within music or in interdisciplinary work.

**Courses:** AA95, KM35, KM36, KM42

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAN609

**Campus offered:** KG

**Semester:** 1, 2, 3

### ► KMN611 MULTI-INSTRUMENTAL STUDIES 1

This unit is designed to widen the base of students' practical skills and to enhance career opportunities through the study of second instruments. Students will work through an intensive program in groups, on a variety of instruments, to obtain fundamental skills on those instruments which will develop and enhance their multi-instrument skills for teaching.

**Courses:** AA95, KM35, KM36, KM42

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAN611

**Campus offered:** KG

**Semester:** 3

### ► KMN612 MULTI-INSTRUMENTAL STUDIES 2

This unit is designed to deepen students' practical skills through the study of second instruments, and to have them engage with multi-instrumental pedagogical methods. Students will work through an intensive program, in groups on a variety of instruments to obtain fundamental skills on those instruments which will develop and enhance their multi-instrument skills for group instruction.

**Courses:** AA95

**Prerequisites:** KMN611 or equivalent

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAN612

**Campus offered:** KG

**Semester:** 3

### ► KMN614 TEACHING MUSIC WITH TECHNOLOGY

Building on the established tradition of assisting learning with technologies, from blackboards to photocopiers, this unit will introduce students to the uses of contemporary technology in music education. Given the pace of technological change this unit will be useful for both pre-service teachers and for teachers updating their skills and knowledge. The unit provides a foundation for ongoing learning about music technologies by providing transferable pedagogical principles and practical skills.

**Courses:** AA95, KM35, KM36, KM42

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAN614

**Campus offered:** KG

**Semester:** 3

### ► KMN615 ADVANCED CONDUCTING

This unit is designed to further acquaint Music students with a wide range of works and styles and to assist them to achieve artistic objectives in music performance through an intensive program conducting workshop activities.

**Courses:** AA95, IF77, KM32, KM35, KM36, KM42

**Prerequisites:** KMB623

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAN615

**Campus offered:** KG

**Semester:** 3

### ► KMN618 COMPOSING FOR MOVING PICTURES

Development of programmatic compositional skills with particular reference to the impact of music on moving pictures and an understanding

of SMPTE and a study of film analysis with visual and/or thematic coding.

**Courses:** IF77, KM32

**Prerequisites:** KMB619 or KMB633 or equivalent

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** KG

**Semester:** 1

### ► KMN626 MUSIC & SOUND FOR DIGITAL MEDIA

This unit deals with studio recording techniques, computer-assisted composition, the role of music in non-linear structures, the effect and affect of sound in digital media productions, sound effects and Foley techniques, musical acoustics, and digital sound theory.

**Courses:** IF77, KM32

**Prerequisites:** KMB621 or KMB619

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB626

**Campus offered:** KG

**Semester:** 1, 2

### ► KMN630 MATERIALS OF MUSIC

An introduction to the concepts of texture in music. The study of textural design has been enriched by recent developments in music technology, enabling music to be heard as pure timbre in the sound media. This unit includes the techniques of orchestration, and other arranging techniques.

**Courses:** IF77, KM32

**Prerequisites:** KMB632 or approval of

Unit Coordinator

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB630

**Campus offered:** KG

**Semester:** 1

### ► KMP423 MUSIC CURRICULUM STUDIES 1

Focuses on curriculum and methods of teaching music in the junior secondary school, with emphases on singing, aural training and music literacy. Philosophical bases for the development, implementation of principles and writing of individual lesson plans for use in teaching practice.

**Courses:** ED19, ED55, IF77

**Prerequisites:** 72 credit points in Music

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAP423

**Campus offered:** KG

**Semester:** 2

### ► KMP431 MUSIC CURRICULUM STUDIES 2

Advanced practical applications in assessment, curriculum planning and teaching and learning strategies relevant to secondary music education.

**Courses:** ED19, ED55, IF77

**Prerequisites:** KMP423

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAP431

**Campus offered:** KG

**Semester:** 1

### ► KMP433 MUSIC CURRICULUM STUDIES 2A

Extension studies in methods of teaching and curricula relevant to specialist teachers of instrumental, secondary or primary music.

**Courses:** ED19, ED55, IF77, AA95

**Prerequisites:** KMP434, For AA95 only - 144 credit points in Music

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAP433

**Campus offered:** KG

**Semester:** 1

### ► KMP434 MUSIC CURRICULUM STUDIES 1A

A specialist extension study in curriculum for students planning a career as a primary, secondary or instrumental music specialist in schools; materials and appropriate methods of teaching related to music in the wider school curriculum outside the classroom.

**Courses:** ED55, IF77, ED19, AA95

**Prerequisites:** 144 credit points in Music

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAP434

**Campus offered:** KG

**Semester:** 2

### ► KPB118 FUNDAMENTALS OF PHOTOGRAPHY

This is an introductory unit that covers black and white and colour photography and computer image enhancement as the basis for composition. The unit examines the role of the photographer in society, the principles of visual perception and

## UNIT SYNOPSES

design, and photography both as art and craft. Topics examined include fashion photography; documentary and photojournalism; photo layout and design; the still camera; the creative use of the camera; printing techniques; and Adobe Photoshop 6.01/7 (for computer enhancement and manipulation of images). The assessment comprises of two photographic assignments, a (computer) digital assignment using Adobe Photoshop and an end of semester exam.

**Courses:** KK32

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MJB118

**Campus offered:** GP

**Semester:** 1, 2

### ► KPB130 MEDIA TEXT ANALYSIS

Acquaints students with a range of approaches, both traditional and contemporary, to the analysis of media texts. Equips students with practical methods of understanding the creation and structuring of social meaning through media. The strategies applied in the analysis of texts will be drawn from the following areas: Utilitarianism, New Criticism and the traditional legacy; Semiotics and Structuralism/Post-Structuralism; Marxism and Contextual/Historical Approaches, Feminism, Psychoanalysis, and Multi-Culturalism. The media texts chosen will include newspaper articles, cartoons, photographs, advertisements, films and television programs.

**Courses:** KK32, IF25, IF27, IF35, KP25, ED50

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MJB130

**Campus offered:** GP

**Semester:** 1

### ► KPB141 FILM AND TELEVISION

#### LANGUAGE

Surveys the processes by which meaning is constructed in film and television programs. This is studied in relation to the question of form, and attention is given to how films, narrative and non-narrative, and television programs, may be structured. The production of meaning is explored through an examination of mise-en-scene (movement and placement of actors, setting, lighting, and costume), cinematography (camera-angle, camera-distance, camera-movement and special effects), editing and sound.

**Courses:** KK32, KP25, IF25, IF27, IF35, ED50, IF75

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** MJB141

**Campus offered:** GP

**Semester:** 1

### ► KPB155 MEDIA PRODUCTION

Should be combined with KPP155. Basic design for informational, creative, corporate, documentary and drama productions. Exploration of the history and theory of design for media production. Introduction to the design of project management strategies, art and screen direction, images, sounds and sequences of audio visual montage at an introductory level. Introduction to project management; performance and screen direction; image capture and lighting design; sonic capture and audio design; visual montage and image mixing.

**Courses:** KP25, KK32, IF27, KP35, KP36, IF26, IF35

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MJB155

**Campus offered:** GP

**Semester:** 1, 2

### ► KPB185 INFORMATIONAL PRODUCTION

Should be combined with KPP185. Forms of training and educational materials development as they apply to informational media. Exploration of the historical and theoretical underpinnings of informational media. Training in management, direction, camera, sound and editing as they apply to moving image media at an introductory level. Practice in project management, performance and art direction; image capture and lighting design; sonic capture and audio design; visual montage and image mixing.

**Courses:** KP25, KK32, IF27, KP35, KP36

**Prerequisites:** MJB155/KPB155. This is a quota based unit with preference given to FTVP majors.

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MJB185

**Campus offered:** GP

**Semester:** 2, 3

### ► KPB190 CREATIVE PRODUCTION

Experimentation in the coverage of live movement events; the visual interpretation of sound; the sonic transformation of visual events. Exploration of the historical and theoretical underpinnings of experimental motion picture art. Training in management, direction, camera, sound and editing as they apply to moving image media at an advanced level. Practice in specialist roles on creative productions.

**Courses:** KP25

**Prerequisites:** KPB185, KPB155. Available to FTVP majors only.

**Contact hours:** 6 per week **Credit points:** 24

**Incompatible with:** MJB190

**Campus offered:** GP

**Semester:** 1

### ► KPB209 AUSTRALIAN TELEVISION

This unit explores the historical and global contexts that have determined the nature of Australian television. It also examines the television industry in terms of the differing imperatives shaping public and private television. The unit in addition canvasses the interaction between television and its audiences. This is followed by a critique of a number of important television texts and then a study of the probable and possible futures for television in Australia.

**Courses:** KP25, KK32, IF27, ED50, IF26, IF35

**Prerequisites:** 96 credit points of undergraduate study

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MJB209

**Campus offered:** GP

**Semester:** 1

### ► KPB233 TELEVISION CULTURES

Television genres and programs are important sources of entertainment and information for viewers. A viewer-centred approach is adopted to consider the pleasures and meanings TV viewers derive from watching television and from engaging with TV-related material in digital screen and print media. This involves examining the nature of the communication process between television viewers, the television programs they watch, and TV-related texts found in digital screen media (such as CD/video games and online fan-sites). Topics include television audiences, fans, cult-TV; TV related websites; the effects of watching television; and the cross-over of television programs into the movies.

**Courses:** KP25, IF27, KK32, IF26, IF35

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MJB233

**Campus offered:** GP

**Semester:** 1

### ► KPB260 COMMUNITY AND EDUCATIONAL VIDEO

New approaches to educational and community-focused video production using video cameras, editing equipment and computers; maximising outcomes using low-cost new wave technologies to produce magazine programs, oral histories, corporate promotional, educational and training videos. This unit is quota based with preferences given to Education and FTVP majors.

**Courses:** KK32, IF27, KP25, ED50

**Prerequisites:** KPB155

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MJB260

**Campus offered:** GP

**Semester:** 1, 2

### ► KPB265 CORPORATE PRODUCTION

Electronic field production and television studio production as they apply to business communication. Exploration of the historical and theoretical underpinnings of corporate television and video production. Training in management, direction, camera, sound and editing as they apply to corporate moving image media at an advanced level. Practice in specialist roles on corporate productions.

**Courses:** KP25, IF27

**Prerequisites:** KPB155, KPB185. Available to FTVP majors only.

**Contact hours:** 6 per week **Credit points:** 24

**Incompatible with:** MJB265

**Campus offered:** GP

**Semester:** 2

### ► KPB268 FILM AND TELEVISION DRAMA PRACTICE

This unit introduces students to directing methodologies in film and television drama. Students will be exposed to different approaches to direct-

ing actors. The unit will examine a number of case studies of seminal directors who encompass a variety of performance strategies and aesthetic techniques. In addition, the unit will familiarise students with a wide range of stylistic approaches to directing for film and television. Students will be expected to assimilate the principles outlined in the unit into their own creative work and will be formatively assessed on dramatic screenplays they write in the unit.

**Courses:** KP25

**Prerequisites:** KPB111, KPB155, KPB185, KPB190, KPB265.

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** MJB268

**Campus offered:** GP

**Semester:** 1

### ► KPB270 FILM DRAMA PRODUCTION

Film or video production which uses actors as mediators in the communication of fictional events. Exploration of the historical and theoretical underpinnings of fictional motion picture art. Training in management, direction, camera, sound and editing at a professional level. Practice in a specialist role on short drama production/s.

**Courses:** KP25

**Prerequisites:** KPB111, KPB155, KPB185, KPB190. Available to FTVP majors only.

**Contact hours:** 6 per week **Credit points:** 24

**Incompatible with:** MJB270

**Campus offered:** GP

**Semester:** 2

### ► KPB305 AMERICAN FILM: GENRES AND DIRECTORS

A contextual study of American films across 50 years. It allows students to explore how films form part of and contribute to the ideologies current during the period of their production. The subject examines the refraction of the Great Depression and Roosevelt's New Deal in 1930s genre films; the post-war reconstruction and the reaffirmation of the family in 1940s films; the anti-communist hysteria and conservatism of the 1950s; the relation of 1960s films to various radical movements of the period; and the treatment of a range of social issues in 1970s and 1980s and 1990s films.

**Courses:** KK32, IF27, KP25, IF25, IF35, ED50

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MJB305

**Campus offered:** GP

**Semester:** 2

### ► KPB307 FEMINIST SCREEN STUDIES

The mass media play a significant role in constructing gendered and sexualised identities within our culture. Women and men are spectators, objects of the gaze, and creators of meaning. The gender/sexual politics of various cultural texts is integral to an understanding of cultural production. The subject is designed to examine critically the issue of gender, sexuality and the media within cultures. A range of media texts will be investigated from a feminist perspective, incorporating issues of race, class and age, as well as gender and sexuality.

**Courses:** KK32, IF27

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MJB307

**Campus offered:** GP

**Semester:** 2

### ► KPB311 ASIAN FILM AND MEDIA

This unit provides students with an introduction to the study of the following national cinemas - China and Japan and also to the study of media within Asia. China will be taken to include reference to the cinemas of the People's Republic of China and Taiwan. The films will be placed within their political, cultural and historical contexts. Thus Chinese cinema will include the study not only of the New Cinema which emerged from the filmmakers Chen Kaige, Wu Tianming, Zhang Yimou and Tian Zhuangzhuang but also that of the popular genres from Hong Kong and the Mainland. The Asian Media section of this unit will consider the media in countries such as Indonesia, and the role of the media in the Asian diaspora.

**Courses:** KK32, IF27

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MJB311

**Campus offered:** GP

**Semester:** 2



## UNIT SYNOPSES

### ► KPB314 MEDIA BUSINESS

The role of the producer and executive producer in the packaging and financing of film and television production including corporate, training and documentary, grant films, features telemovies and mini-series; matching television network programming needs and achieving balance in above-the-line, below-the-line and marketing costs. Sources of finance: PFTC, networks, corporate sponsors, corporate clients, investors, pre-sales, government grants, Film Finance Corporation; methods of obtaining finance, insurance, completion guarantees, legal and accounting requirements; social and ethical issues.

**Courses:** KP25, KK32, IF27

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MJB314

**Campus offered:** GP

**Semester:** 1

### ► KPB343 AUSTRALIAN FILM

A study of New Wave Australian films within their cultural and institutional contexts; issues facing the film industry today; the filmic construction and circulation of cultural discourses such as national identity, nationalism, gender, ethnicity and class; the Australian landscape in film; experimental and avant garde films; indigenous films; technological and global challenges.

**Courses:** KK32, ED50, IF75

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MJB343

**Campus offered:** GP

**Semester:** 1

### ► KPB344 INTERNATIONAL CINEMA

This unit examines a range of national cinemas from a global perspective. Key theoretical approaches to national/international cinemas are covered, along with significant historical, textual, representational and ideological issues. The critical challenges posed by productions from these different cultures to Hollywood mainstream productions are also explored.

**Courses:** KK32, KP25, IF26, IF35, ED50

**Prerequisites:** 96 credit points of undergraduate study.

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MJB344

**Campus offered:** GP

**Semester:** 2

### ► KPB358 DOCUMENTARY THEORY AND PRACTICE

This unit introduces students to the tradition of documentary production. Students will be exposed to the aesthetic, technical and ethical concerns of the documentary practitioner through history. The unit is a compulsory unit in the major for Media Studies students and Film and Television Production students, but will be available to other students. Film and Television and Creative Writing majors who have completed MJB111 will be expected to assimilate the principles outlined in the unit into their own creative work and will be formatively assessed on documentary screenplays they will write themselves. Media Studies students who have completed MJB111 and MJB141 will have a choice of either writing screenplays or analytical assignments addressing the theoretical underpinning of the unit in documentary theory. Media studies students who have not completed MJB111 will undertake the analytical assignments.

**Courses:** KP25, KK32, KP36, IF26, IF35

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MJB358

**Campus offered:** GP

**Semester:** 2

### ► KPB359 FILM HISTORY

The subject explores how narrative film has developed throughout the twentieth century and the relationship of this development to historical and technological change. It also examines what constitutes film history and the perspectives from which that history may be written. The following topics are treated: the development of early narrative and the Hollywood classical continuity style; Russian montage; neo-realism in post war Italy, and the 'kitchen-sink' films of Britain in the 60's; the 'long take' style; expressionism and film noir; the impact of colour and wide screen formats; the various 'new waves' of the 50's and 60's; Hollywood in the 70's; and the impact of new technologies and information systems.

**Courses:** KP25, KK32

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MJB359

**Campus offered:** GP

**Semester:** 2

### ► KPB360 DOCUMENTARY PRODUCTION

Video production concerned with the communication of non fiction events in science, the humanities and the arts. Exploration of the historical and theoretical underpinnings of non fictional motion picture art. Training in management, direction, camera, sound and editing as they apply to documentary production at a professional level. Practice in a specialist role on video documentary productions.

**Courses:** KP25

**Prerequisites:** KPB111, KPB155, KPB185.

**Contact hours:** 6 per week **Credit points:** 24

**Incompatible with:** MJB360

**Campus offered:** GP

**Semester:** 2

### ► KPP104 FILM AND TELEVISION PRODUCTION THEORY

This postgraduate unit equips students with the skills to strategically develop, market and plan their own film and television productions in the international marketplace. It addresses production strategies which are only marginally addressed at the undergraduate level. It also informs students about film laboratory procedures which have been modified by the introduction of digital technology. In addition, student will be acquainted with methodologies and theoretical underpinning for formulating their own aesthetic and developing a personal style.

**Courses:** KK53, KK52, KK51, KK54, KP35, KP36

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MJP104

**Campus offered:** GP

**Semester:** 1

### ► KPP155 MEDIA PRODUCTION

Should be combined with KPB155. Basic design for informational, creative, corporate, documentary and drama productions. Exploration of the history and theory of design for media production. Introduction to the design of project management strategies, art and screen direction, images, sounds and sequences of audio visual montage at an introductory level. Introduction to project management; performance and screen direction; image capture and lighting design; sonic capture and audio design; visual montage and image mixing.

**Courses:** KP35

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MJP155

**Campus offered:** GP

**Semester:** 1, 2

### ► KPP185 INFORMATIONAL PRODUCTION

Should be combined with KPB185. Forms of training and educational materials development as they apply to informational media. Exploration of the historical and theoretical underpinnings of informational media. Training in management, direction, camera, sound and editing as they apply to moving image media at an introductory level. Practice in project management, performance and art direction; image capture and lighting design; sonic capture and audio design; visual montage and image mixing.

**Courses:** KP35

**Prerequisites:** MJB155/KPB155, KPP185. This is a quota based unit with preference given to FTVP majors.

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MJP185

**Campus offered:** GP

**Semester:** 2, 3

### ► KSB011 MUSIC THEATRE SKILLS

Provides students with an introduction to practical skills development in acting, dance and singing for music theatre.

**Courses:** KS25, KD15, KM32

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** AAB011

**Campus offered:** KG

**Semester:** 1

### ► KSB012 MUSIC THEATRE PROJECT

**Courses:** KS25

**Credit points:** 12

**Campus offered:** KG

**Semester:** 2

### ► KSB056 PROFESSIONAL STUDIES

This unit aims to facilitate a smooth and confident transition from undergraduate experiences to life in the arts workforce. Exploration of current issues in the arts and development of professional skills including career management.

**Courses:** KS25, KS26

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AAB056

**Campus offered:** KG

**Semester:** 2

### ► KSB202 ACTING 1

Focuses on the actor and actress instrument, using a series of exercises that deal specifically with whatever impedes the actor and actress personal truth, and unblocking instrumental blocks to emotional expression. Work incorporates Stage and Camera requirements.

**Courses:** KS25

**Contact hours:** 14 per week **Credit points:** 12

**Incompatible with:** AAB202

**Campus offered:** KG

**Semester:** 1

### ► KSB203 ACTING 2

Continuation of the Instrument Work and the introduction of Craft Techniques, dealing with contemporary Naturalistic texts for Stage and Film and Television.

**Courses:** KS25

**Contact hours:** 21 per week **Credit points:** 12

**Incompatible with:** AAB203

**Campus offered:** KG

**Semester:** 2

### ► KSB204 VOICE AND MOVEMENT 1

Introduction to an organic approach to body and voice and their integration as the basis for all forms of dramatic expression. All voice and body work complements and supports the emotional freeing demanded in acting classes. Combat, connected speech, and singing are introduced.

**Courses:** KS25

**Contact hours:** 6 per week **Credit points:** 12

**Incompatible with:** AAB204

**Campus offered:** KG

**Semester:** 1

### ► KSB205 VOICE AND MOVEMENT 2

Continuation of the development of a free, responsive actors and actresses instrument. Combat, singing, mask work continue. Introduction to Naturalistic text.

**Courses:** KS25

**Contact hours:** 6 per week **Credit points:** 12

**Incompatible with:** AAB205

**Campus offered:** KG

**Semester:** 2

### ► KSB233 VOICE AND MOVEMENT 3

Explores naturalism to the area of heightened language. Focus is on the technical devices of Shakespearean text. Work developed will be performed both on the stage and for camera.

**Courses:** KS25

**Contact hours:** 6 per week **Credit points:** 12

**Incompatible with:** AAB233

**Campus offered:** KG

**Semester:** 1

### ► KSB234 VOICE AND MOVEMENT 4

Development of a vocal and physical technique that supports and serves the professional performer. Advanced classes in physical theatre will develop physical expressiveness, clarity and strength. Advanced studio work continues development in film and television techniques.

**Courses:** KS25

**Contact hours:** 6 per week **Credit points:** 12

**Incompatible with:** AAB234

**Campus offered:** KG

**Semester:** 2

### ► KSB235 VOICE AND MOVEMENT 5

Application of acting skills involving voice and movement is consolidated in production situations. Students are prepared for auditions for directors and agents.

**Courses:** KS25

**Contact hours:** 6 per week **Credit points:** 12

**Incompatible with:** AAB235

**Campus offered:** KG

**Semester:** 1

### ► KSB247 ACTING 3

Continuation of the development of a personal working process through rehearsal and performance of increasingly complex texts.

**Courses:** KS25

**Contact hours:** 20 per week **Credit points:** 12

**Incompatible with:** AAB247

**Campus offered:** KG

**Semester:** 1

## UNIT SYNOPSES

### ► KSB248 ACTING 4

**Courses:** KS26 **Prerequisites:** KSB247  
**Contact hours:** 20 per week **Credit points:** 12  
**Campus offered:** KG **Semester:** 2

### ► KSB251 MUSIC THEATRE PROJECT

The first in a series of three theatre history units, this examines the three major theatre movements of the twentieth century: Realism, Epic Theatre and Theatre of the Avant Garde.

**Courses:** KS25, KS26, KT32, KT33, IF76  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB251  
**Campus offered:** KG **Semester:** 2

### ► KSB255 THEATRE PROJECT 1

Students participate in a season of semi-profiled performance projects, working as an ensemble performing roles for film and theatre.

**Courses:** KS25, KS26  
**Prerequisites:** KSB248 or KSB291 (KSB291 and KSB293 for TP students only)  
**Corequisites:** KSB294 (TP students only)  
**Contact hours:** 30 per week **Credit points:** 24  
**Incompatible with:** AAB255  
**Campus offered:** GP, KG **Semester:** 1

### ► KSB256 THEATRE PROJECT 2

A season of profiled performance projects, providing students with the opportunity to demonstrate their skills to potential employers in the industry.

**Courses:** KS25, KS26 **Prerequisites:** KSB255  
**Contact hours:** 30 per week **Credit points:** 36  
**Incompatible with:** AAB256  
**Campus offered:** GP, KG **Semester:** 1, 2

### ► KSB259 THE PERFORMANCE INSTRUMENT: BODY AND VOICE

Understanding vocal and physical patterns; application of integrated approach to body and voice in personal expression.

**Courses:** CI Open Elective  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB259  
**Campus offered:** KG **Semester:** 1

### ► KSB274 THEATRE CRAFT

Development of practical skills in workshop construction and pre-production areas of stage scenery, props and costumes.

**Courses:** KS25, KS26  
**Corequisites:** KSB289  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** AAB274  
**Campus offered:** KG **Semester:** 1

### ► KSB276 VISUAL THEATRE - DESIGN

Role of visual expression in theatrical events; elements of space; approaches to researching design elements; bearing of text and resources on events; Western and Eastern influences.

**Courses:** CI Open Elective  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB276  
**Campus offered:** KG **Semester:** 2

### ► KSB278 TECHNICAL THEATRE

**Courses:** KS25, KS26, open elective  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** KG **Semester:** 1, 2

### ► KSB289 TECHNICAL PRODUCTION 1

Development of basic skills in theatrical lighting and sound operation and their integration into the overall production process.

**Courses:** KS26  
**Contact hours:** 6 per week **Credit points:** 12  
**Incompatible with:** AAB289  
**Campus offered:** GP, KG **Semester:** 1

### ► KSB290 TECHNICAL PRODUCTION 2

Continuation of creative use of lighting and sound in performances. Introduction to lighting and sound design.

**Courses:** KS26  
**Prerequisites:** KSB274 and KSB292  
**Contact hours:** 6 per week **Credit points:** 12  
**Incompatible with:** AAB290  
**Campus offered:** GP, KG **Semester:** 1

### ► KSB291 TECHNICAL PRODUCTION 3

Broadening of skills base in areas of lighting and sound into drama, contemporary dance, ballet, opera, musicals, concerts and television productions.

**Courses:** KS26

**Prerequisites:** KSB289, KSB290, KSB292, KSB293

**Corequisites:** KSB276

**Contact hours:** 21 per week **Credit points:** 12  
**Incompatible with:** AAB291  
**Campus offered:** GP, KG **Semester:** 2

### ► KSB292 STAGE MANAGEMENT 1

Introduction to coordination of a live theatre production including theatre layout and terminology, role of the stage manager, duties and responsibilities from pre-rehearsal to close of season, communication procedures, rehearsal room procedures.

**Courses:** KS26  
**Prerequisites:** KSB289  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** AAB292  
**Campus offered:** KG **Semester:** 2

### ► KSB293 STAGE MANAGEMENT 2

Introduction to the management issues in areas of stage mechanics, flying, props and wardrobe and preparation of students to undertake performance crew roles in these departments.

**Courses:** KS26  
**Prerequisites:** KSB289, KSB292  
**Corequisites:** KSB290  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** AAB293  
**Campus offered:** GP, KG **Semester:** 1

### ► KSB294 STAGE MANAGEMENT 3

Broadening the skills base for stage managers into opera, ballet, modern dance, concerts and television including the responsibilities of production management.

**Courses:** KS26  
**Prerequisites:** KSB289, KSB290, KSB291, KSB292  
**Corequisites:** KSB255  
**Contact hours:** 21 per week **Credit points:** 12  
**Incompatible with:** AAB294  
**Campus offered:** GP, KG **Semester:** 1

### ► KTB056 PROFESSIONAL STUDIES

This unit aims to facilitate a smooth and confident transition from undergraduate experiences to life in the arts workforce. Exploration of current issues in the arts, and development of professional skills including public speaking, meeting procedures and career management.

**Courses:** KD25, KS25, KS26, KT32, KM32, KV23, KV32, IF78, KI25, KI32  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB056  
**Campus offered:** KG **Semester:** 2

### ► KTB061 ARTS BUSINESS MANAGEMENT

An introduction to management techniques within the Australian arts environment, including company structures, cultural policy, strategic management and leadership in the arts, legal, ethical, economical and social requirements of arts, boards, entrepreneurial activity.

**Courses:** KD25, KS25, KS32, KT33, KM32, KV25, KV32  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB061  
**Campus offered:** KG **Semester:** 2

### ► KTB062 ARTS EVENT PROMOTION AND PUBLIC RELATIONS

The roles of publicist, promotion officer, marketing manager and public relations manager in arts organisations. Sponsorship, fundraising programs, membership drives. Planning the promotional and public relations campaign.

**Courses:** KD25, KS25, KS26, KT32, KM32, KV25, KV32  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB062  
**Campus offered:** KG **Semester:** 1

### ► KTB208 ELEMENTS OF DRAMA

Development of an understanding of drama theory and practice, and of their interrelation through an introduction to the basic elements of dramatic performance such as space, performer, audience, language, rhythm, action.

**Courses:** CI Open Elective  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB208  
**Campus offered:** KG **Semester:** 1

### ► KTB214 PROCESS DRAMA

This unit introduces the processual nature of drama and theatre through workshops involving role play, participant enrolment, leader-in-role and intervention; identification with role; negotiation, devising and consequent decision-making; dramatic tension and resolution; structuring for the theme and for the dramatic moment; distancing devices; reflection, re-enactment and remaking. A significant online component and a lecture series support the practical workshops.

**Courses:** KS25, KS26, KT32, KT33, IF76  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB214  
**Campus offered:** KG **Semester:** 1

### ► KTB251 20TH CENTURY STAGES

One of three theatre history units, this examines three major theatre movements: Realism, Epic Theatre and Theatre of the Avant Garde.

**Courses:** KS25, KS26, KT32, KT33, IF76  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB251  
**Campus offered:** KG **Semester:** 2

### ► KTB252 THE SOUND OF THEATRE

An introduction to the key features and major stages of development of the Western music theatre tradition. The importance of music as a fundamental resource of the theatrical event is explored through reference to a variety of theatre styles, practitioners and periods. There is an emphasis on contemporary forms, and on the role of technology in music theatre and/or performance.

**Courses:** KS25, KS26, KT32, KT33, IF76  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB252  
**Campus offered:** KG **Semester:** 1

### ► KTB253 STAGING AUSTRALIA

Key concepts and practices pertaining to Australian theatre and drama of the twentieth century, including indigenous performance, post-colonialism, Bush Drama, tradition, and contemporary forms. Theatre practices are explored in relation to broader social and political concerns.

**Courses:** KS25, KS26, KT32, KT33, IF76  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB253  
**Campus offered:** KG **Semester:** 1

### ► KTB257 STUDIES IN ACTING 1

Introduction to the work of Stanislavski and a number of his key interpreters including Cohen, Benedetti, Hagen, Adler and Moore. Exploration of acting styles including an examination of Brecht's theories of performance.

**Courses:** KS25, KS26, KT32, KT33, IF76  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB257  
**Campus offered:** KG **Semester:** 1

### ► KTB258 STUDIES IN ACTING 2

Students will extend their understanding of the interpretative and acting skills required to perform Shakespeare. It will be of particular use to those interested in acting, directing, teaching or playwriting.

**Courses:** KS25, KS26, KT32, KT33, IF76  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB258  
**Campus offered:** KG **Semester:** 2

### ► KTB271 STUDIES IN DIRECTING

History of the development of the role of the director; theoretical study of key innovative directors in the European tradition. Practical work includes selecting, adapting, rehearsing and performing an extract from a play and giving it an innovative 'treatment'.

**Courses:** KS25, KS26, KT32, KT33, IF76  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB271  
**Campus offered:** KG **Semester:** 2

### ► KTB272 DRAMA AND COMMUNITY CULTURAL DEVELOPMENT

This unit introduces core concepts informing community cultural development practices, both local and international. Students develop skills through practical and theoretical enquiries into cultural action.

**Courses:** KS25, KS26, KT32, KT33, IF76  
**Contact hours:** 3 per week **Credit points:** 12

## UNIT SYNOPSES

- Incompatible with:** AAB272  
**Campus offered:** KG **Semester:** 2
- **KT B273 PERFORMANCE 1**  
 Introduction to a clearly defined rehearsal ethic through extended performance project. Text analysis, formal group discussion, role creation and rehearsal, live performance of a scripted drama before an audience.  
**Courses:** KS25, KS26, KT32, KT33, IF76  
**Corequisites:** KSB273  
**Contact hours:** 5 per week **Credit points:** 12  
**Incompatible with:** AAB273  
**Campus offered:** KG **Semester:** 2
- **KT B275 UNDERSTANDING PERFORMANCE**  
 Paradigms of theatre/performance; Performance as trans-disciplinary practice; towards a poetics of Performance—live and mediated; the borders of Performance; politics and ethics in Performance; text, narrative and writing; site, time and place; body and voice; performance identity; audiences.  
**Courses:** KT32, KK32, IF76  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB275  
**Campus offered:** KG **Semester:** 1
- **KT B277 PHYSICAL THEATRE**  
 Students will experience a range of physical skills within the context of non-text based performance taught by professional theatre practitioners.  
**Courses:** KS25, KS26, KT32, KT33, IF76  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** AAB277  
**Campus offered:** KG **Semester:** 1
- **KT B278 TECHNICAL THEATRE**  
 Introductory technical knowledge and skills in theatrical lighting and sound operation necessary to stage a production in a small theatre with a minimum of support staff.  
**Courses:** KS25, KS26, KT32, KT33, IF76, CI  
 Open Elective  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB278  
**Campus offered:** KG **Semester:** 1, 2
- **KT B280 DRAMA AS SOCIAL ACTION**  
 Combination of practical and theoretical investigation into the process of improvisation and the way drama can be used as a tool for critical enquiry and social change. Provides basis for further work in writing for performance and advanced improvisational skills.  
**Courses:** KS25, KS26, KT32, KT33, IF76  
**Prerequisites:** KSB214  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB280  
**Campus offered:** KG **Semester:** 2
- **KT B304 FORMING KNOWLEDGE**  
 Students will explore a range of paradigms of knowledge and knowing and their relationship to arts practice and theatre. It acknowledges the aesthetic field of experience in all human endeavour, relating it to concepts of human intelligence and knowing.  
**Courses:** KS25, KS26, KT32, KT33, IF76  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB304  
**Campus offered:** KG **Semester:** 2
- **KT B306 DIRECTING FOR THEATRE**  
 Analysis of the directors role in production management including play selection, resource auditing, pre-production analyses, time, budget and resource planning, design, technical effects, promotion and publicity and the responsibilities of health, safety and ethical issues.  
**Courses:** KS25, KS26, KT32, KT33, IF76  
**Prerequisites:** KTB271  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB306  
**Campus offered:** KG **Semester:** 1
- **KT B307 WRITING FOR PERFORMANCE**  
 Writing for Performance focuses on conceptualising, building and reading narrative for live performance. It blends theory and practice in the creation and critique of a short new work.  
**Courses:** KS25, KS26, K32, KT33, IF76, CI  
 Open Elective
- Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** AAB307  
**Campus offered:** KG **Semester:** 2
- **KT B308 PERFORMANCE 2**  
 Development of a performance piece through group devising with professional guidance.  
**Courses:** KS25, KS26, KT32, KT33, IF76  
**Prerequisites:** KSB273  
**Contact hours:** 8 per week **Credit points:** 12  
**Incompatible with:** AAB308  
**Campus offered:** KG **Semester:** 1, 2
- **KT B309 PERFORMANCE 3**  
 This final year elective unit provides Theatre Studies students with an opportunity to collectively manage and perform a public season of an original production or series of smaller performances. Students themselves take on the various roles of direction, dramaturgy, rehearsal, research, scripting, stage management, design, publicity, documentation, acting and so on.  
**Courses:** KS25, KS26 **Prerequisites:** KSB308  
**Contact hours:** 6 per week **Credit points:** 12  
**Incompatible with:** AAB309  
**Campus offered:** KG **Semester:** 2
- **KT B310 STUDIES IN ACTING 3**  
 This unit addresses the relationship between ideas and the way they are formed into action. It is designed to move the student into areas of advanced preparation for creating a performance by introducing major theoretical issues in contemporary cultural and performance analysis and developing advanced acting skills.  
**Courses:** KS25, KS26, KT32, KT33, IF76  
**Prerequisites:** KTB257  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB310  
**Campus offered:** KG **Semester:** 1
- **KT B414 DRAMA CURRICULUM STUDIES 1**  
 An introduction to the theoretical and practical knowledge, understandings and skills needed for effective Drama teaching. Students will be introduced to key Drama syllabus documents and acquire skills and understandings related to the classroom, the school and the school community.  
**Courses:** ED55, KT33, IF76  
**Prerequisites:** 96 credit points in each relevant discipline area  
**Contact hours:** 5 per week **Credit points:** 12  
**Incompatible with:** AAB414  
**Campus offered:** KG **Semester:** 2
- **KT B415 DRAMA CURRICULUM STUDIES 2**  
 This unit extends on the work undertaken in KTB414 and focuses on: assessment in the drama curriculum; building units based on syllabus documents; deepening management and artistic leadership skills in the drama classroom; building awareness of contemporary educational imperatives and their relevance to Drama teaching; new technologies. It provides opportunities to develop skills as a reflective practitioner and to value and practice aesthetic teaching and learning in Drama.  
**Courses:** ED55, KT33, IF76  
**Prerequisites:** KSB414  
**Contact hours:** 5 per week **Credit points:** 12  
**Incompatible with:** AAB415  
**Campus offered:** KG **Semester:** 1
- **KT N001 PERFORMING NARRATIVES**  
 In this units, students will examine reviewing practices of storytelling and constructing narratives—the oral, the novelistic, the Dramatic, the filmic; post-linearity and multiform narrative; narrative in digital environments; narrative in a replay culture.  
**Courses:** KT35, KT36, KT42  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** KG **Semester:** 2
- **KT N002 CONTEMPORARY PERFORMANCE**  
 Students will investigate the nature of the performance event; performance in everyday life; theatricality and performance; trans-disciplinary performance theory and practice; the body in performance; site and performance; live and mediated performance; spectator and audience.  
**Courses:** KT35, KT36, KT42
- Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** KG **Semester:** 1
- **KT N003 APPLYING INFORMATION TECHNOLOGY IN THE DRAMA CLASSROOM**  
 Strategies for incorporating information and communication technology into the Drama classroom, performing arts specific software including graphics/imaging programs; video editing and scriptwriting programs; appropriate uses of the Internet; online communities, online improvisation and role-play; bulletin boards.  
**Courses:** KT35, KT36, KT42  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** KG **Semester:** 3
- **KT N004 TEACHING DRAMA FROM 1-10**  
 In this unit, students will explore the conceptual and practical knowledge and understanding of the contribution Drama can make in a holistic primary education. It is an exploration of aesthetic learning and Drama as a way of knowing; experiential workshops to develop artistic and facilitation skills for Drama teaching; and an introduction to The Arts Years 1-10 Syllabus.  
**Courses:** KT35, KT36, KT42  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** KG **Semester:** 1
- **KT N005 IMPLEMENTING DRAMA FROM 1-10**  
 This unit will introduce students to strategies for planning, managing and assessing of school and classroom work programs in Drama; cross curricula and Key learning Area applications, trans-disciplinary planning; and the Core Content relevant to Levels 1-6.  
**Courses:** KT35, KT36, KT42  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** KG **Semester:** 2
- **KT N006 DRAMA PROJECT**  
 This unit will provide an opportunity for students to design and implement a classroom based project which applies the learnings in the course and requires fieldwork in their workplace.  
**Courses:** KT35, KT36, KT42  
**Contact hours:** 3 per week **Credit points:** 24  
**Campus offered:** KG **Semester:** 1, 2
- **KT N200 DRAMATURGY**  
 An investigation of the role of the dramaturge in Western cultures, particularly the emerging role of the dramaturge in Australian theatre; the methodologies of the dramaturge, the criteria used for script assessment, and a comparative study of the role of the script editor/story editor in the screen writing industry.  
**Courses:** KK42, KK52, KK53  
**Contact hours:** 2 per week **Credit points:** 12  
**Incompatible with:** AAN200  
**Campus offered:** KG **Semester:** 1
- **KVB004 CONTEMPORARY AESTHETIC DEBATES**  
 Introduction to modern aesthetic debates that inform contemporary art practice. The unit addresses philosophical discourse on art from Kant to postmodern theories.  
**Courses:** KK52, KK53, KK51  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB004  
**Campus offered:** KG **Semester:** 1
- **KVB005 READINGS IN VISUAL ARTS**  
 Concentrates on developing critical and analytical skills in reading and writing about the visual arts. It focuses on critical art-historical writings since 1968.  
**Courses:** KK52, KK53  
**Prerequisites:** Minimum course GPA of 5, and approval of Course Coordinator  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB005  
**Campus offered:** KG **Semester:** 2
- **KVB064 VISUAL AND PERFORMING ARTS OF ASIA**  
 Introductory overview to the influence of selected philosophical traditions on the visual and performing arts in Asia; contemporary arts practice in Asia; the impact of non-Asian ideas and art forms on selected Asian arts practices.

## UNIT SYNOPSES

**Courses:** KD25, KS25, KS26, KT32, KV25, KV32, KI25, KI32, KM32, IF78  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB064  
**Campus offered:** KG **Semester:** 1

► **KVB412 ART CURRICULUM STUDIES 1**  
 Students develop planning and teaching skills in selected Art curriculum areas. Content includes: the nature of the Art curriculum area/discipline; its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

**Courses:** ED50, ED54, IF78  
**Prerequisites:** 48 credit points in each relevant discipline area  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB412  
**Campus offered:** KG **Semester:** 2

► **KVB413 ART CURRICULUM STUDIES 2**  
 Extends KVB412; Art curriculum development within the context of contemporary policies, frameworks and agencies; principles of measurement, assessment and evaluation; teaching and learning strategies; directions in curriculum development.

**Courses:** ED50, ED54, IF78  
**Prerequisites:** KVB412  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** KG **Semester:** 1

► **KVB444 CONTEMPORARY ASIAN VISUAL CULTURE**

Development of an understanding and awareness of non-Western art forms. The influences of historical visual arts, backgrounds, philosophical beliefs and trade on the symbolism, forms, techniques and uses of various artefacts.

**Courses:** KV25, KV32, IF78  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB444  
**Campus offered:** KG **Semester:** 2

► **KVB447 DRAWING**

Examination of conventional and contemporary drawing processes; investigation of materials for drawing, shape and volume, line as a means of expression and communication, perspective, rendering, perceptual organisation and expressive effects.

**Courses:** KV25, KV32, ED22, ED50, IF78, ED26, ED51, ED52  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB447  
**Campus offered:** KG **Semester:** 1, 2

► **KVB457 SCULPTURE**

This subject provides an introduction to the history and theory of sculpture and provides students with the opportunity to develop their ideas in relation to the exploration and manipulation of a range of materials and techniques used in the sculpture studio.

**Courses:** KV25, KV32, ED22, ED26, ED50, ED51, ED52, IF78  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB457  
**Campus offered:** KG **Semester:** 1, 2

► **KVB503 CLAY MATERIALS**

Develop ceramic knowledge, artistic concepts and practical/technical skills; investigation of selected historical ceramic eras; understanding of the relationship between ceramics and the makers culture; development of personal imagery and design.

**Courses:** ED22, ED26, ED50, ED51, KV25, KV32, IF78  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** KG **Semester:** 1, 2

► **KVB507 PAINTING**

Introducing and developing an active awareness of both historical and contemporary issues in painting and drawing through studio practice and tutorials; the skills appropriate to the range of available media pursued in studio classes and professional practice.

**Courses:** ED22, ED26, ED50, ED51, KV25, KV32, IF78  
**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** KG **Semester:** 1, 2

► **KVB509 PHOTOGRAPHIC MEDIA**

Photographic practice in Visual Arts, with emphasis on, but not limited to chemical black/white processes. Darkroom and camera skills, aesthetic and conceptual aspects of photography, history of art and photography, history of art and photography, personal approaches to photographic practice. Students must have access to a camera for this unit.

**Courses:** ED22, ED26, ED50, ED51, KV25, KV32, IF78  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** KG **Semester:** 1, 2

► **KVB701 MODERNISM**

This unit provides an overview of the key concepts and movements that comprise twentieth-century modernism. Beginning with cubism, the unit will provide an understanding of terms, such as avant-garde, modernism and modernity. It will explain how modernism focuses upon the issue of representation and how this approach led to inter-disciplinary work, which engaged with film, photography, design, architecture and installation as well as the traditional visual arts.

**Courses:** KV25, KV32, ED50, IF78  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB701  
**Campus offered:** KG **Semester:** 2

► **KVB702 AUSTRALIAN AND INDIGENOUS ART**

This unit focuses upon Australian Art over the course of the twentieth century, including the contemporary period. It gives students an understanding of the national, cultural and social frameworks within which this art has been produced as well as introducing a number of artists, artistic movements and issues within Australian Art. It also considers the nature of indigenous art and its contribution to the complexity of Australian cultural identity. All of these issues will be presented in order to assist students in understanding the important role of Australian art as an expression of our cultural values throughout the twentieth century.

**Courses:** KV25, KV32  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** KG **Semester:** 1, 2

► **KVB703 VIDEO ART AND CULTURE**

Existing Visual Arts units examine a broad range of subjects addressing artistic media such as painting, sculpture and installation. The 'Video Art and Culture' unit will supplement these by instituting a specialised study of artistic and cultural practice that focuses on new mass media technology. The unit will therefore enhance, extend and update knowledge of recent art strategies in contemporary society.

**Courses:** KV25, KV32  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB703  
**Campus offered:** KG **Semester:** 1, 2

► **KVB704 THEORIES OF SPATIAL CULTURE**

This unit provides the necessary critical evaluation of issues and practices that relate to considerations of space in modern and contemporary art, new media and culture in general. It will provide a historical overview of key art practices that have focused their critical attention to the issue of space and the built environment. In order to function as an informed practitioner in the environment of public space a student must acquire such knowledge because it will form the critical-analytical background to current debates and theories in the field of spatial culture and public art.

**Courses:** KV25, KV32  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB704  
**Campus offered:** KG **Semester:** 1, 2

► **KVB712 CONTEMPORARY ART ISSUES**

Current practices in the visual arts are addressed by analysing and interpreting original works on exhibition, in stockrooms and in studios. By means of lectures, discussions and analysis of artworks and readings, the individuals awareness

of the conceptual, historical and philosophical contexts concerning artists and the artworks is heightened. (Prerequisite for entry to Honours.)

**Courses:** KV25, KV32, ED26, ED50  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB712  
**Campus offered:** KG **Semester:** 1

► **KVB740 STUDIO ART PRACTICE 1**

Designated unit. Development of an enquiry-based, self-sustaining art practice; fostering of appropriate research skills; encouragement of open flexible independent approach to formulating resolutions to conceptual and visual concerns; development of safe workshop practices, safe studio work habits and appropriate professional skills. Introductions to technological art forms.

**Courses:** KV25, KV32, IF78  
**Contact hours:** 12 per week **Credit points:** 24  
**Incompatible with:** AAB740  
**Campus offered:** KG **Semester:** 1

► **KVB741 STUDIO ART PRACTICE 2**

Designated unit. Continued development of concepts, skills and approaches to self-generated contemporary art practice established in Studio Art Practice 1. Maintaining responsible art practice; expansion of appropriate research skills; increased knowledge of safe workshop practices, safe studio work habits, appropriate professional skills.

**Courses:** KV25, KV32, IF78  
**Prerequisites:** KVB740  
**Contact hours:** 12 per week **Credit points:** 24  
**Incompatible with:** AAB741  
**Campus offered:** KG **Semester:** 2

► **KVB742 STUDIO ART PRACTICE 3**

In consultation with studio staff, students formulate a program of work for the semester which allows students to investigate their own personal artistic direction, formulate and develop self-generated enquiry and acquire working methods, resources, skills and knowledge necessary to realise concepts.

**Courses:** KV25, KV32, IF78  
**Prerequisites:** KVB741  
**Contact hours:** 6 per week **Credit points:** 12  
**Incompatible with:** AAB742  
**Campus offered:** KG **Semester:** 1

► **KVB743 STUDIO ART PRACTICE 4**

The conditions of current cultural practice, their production, reception and contribution to society are extremely diverse, increasingly complex and multi-layered. Sustained critical involvement and an increasing commitment to artistic conceptual pursuits will be underpinned by contemporary theoretical reference which includes investigation into a broad range of artists' practices. Students will be required to articulate a personal position in these issues.

**Courses:** KV25, KV32, IF78  
**Prerequisites:** KVB742  
**Contact hours:** 6 per week **Credit points:** 24  
**Incompatible with:** AAB743  
**Campus offered:** KG **Semester:** 2

► **KVB744 STUDIO PROJECT 1**

In consultation with studio staff students at this level are expected to undertake individual projects that lead to the development of a professionally organised and articulated body of work. Substantial research is expected in support of these projects.

**Courses:** KV25, KV32 **Prerequisites:** AAB743  
**Contact hours:** 6 per week **Credit Points:** 24  
**Incompatible with:** AAB744  
**Campus offered:** KG **Semester:** 1

► **KVB745 STUDIO PROJECT 2**

In consultation with studio staff students at this level are expected to undertake individual projects that lead to the development of a professionally organised and articulated body of work. Substantial research is expected in support of these projects.

**Courses:** KV25, KV32 **Prerequisites:** KVB744  
**Contact hours:** 6 per week **Credit points:** 24  
**Incompatible with:** AAB745  
**Campus offered:** KG **Semester:** 2

## UNIT SYNOPSES

### ► KVB751 EXTENDED STUDIO PRACTICE 1

Extension of practical studio units of core media studies or elective studio units.  
**Courses:** KV25, KV32, IF78  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB751  
**Campus offered:** KG **Semester:** 1, 2

### ► KVB752 EXTENDED STUDIO PRACTICE 2

Extension of practice studio units or core media studies or elective studio units.  
**Courses:** KV25, KV32, IF78  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB752  
**Campus offered:** KG **Semester:** 1, 2

### ► KVB753 EXTENDED STUDIO PRACTICE 3

Extension of practice studio units or core media studies or elective studio units.  
**Courses:** KV25, KV32, IF78  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB753  
**Campus offered:** KG **Semester:** 1, 2

### ► KVB754 EXTENDED STUDIO PRACTICE 4

Extension of practice studio units or core media studies or elective studio units.  
**Courses:** KV25, KV32, IF78  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB754  
**Campus offered:** KG **Semester:** 1, 2

### ► KVB755 FOUNDATIONS OF DRAWING FOR ANIMATION

This is a studio based unit that introduces students to media, processes, strategies and traditions of drawing and associated imagery for use in animated media. The development of critical/reflective frameworks of traditional and contemporary practice underpin studio development.  
**Courses:** KI25, KI32  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB755  
**Campus offered:** KG **Semester:** 1

### ► KVB756 FOUNDATIONS OF DRAWING FOR ANIMATION 2

This unit will develop individual knowledge, concepts and skills to enable students to articulate and present capabilities of motion through drawing for contemporary animation practices.  
**Courses:** KI25, KI32 **Prerequisites:** KVB755  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB756  
**Campus offered:** KG **Semester:** 2

### ► KVB757 1/2 DRAWING FOR FASHION 1

Drawing constitutes one of the key representational systems that enables the user to encode experience. The ability to utilise the language of drawing facilitates description, recording, synthesis, analysis, decoration, interpretation, reconstruction and response to visual form. Consequently, drawing in this industry incorporates conventions and interpretations of figures and materials to design, describe and promote fashion products. Core skills and knowledge of drawing provide an important foundation for existing and evolving modes for constructing and presenting fashion proposals.  
**Courses:** KF25  
**Contact hours:** 3 per week **Credit points:** 6  
**Incompatible with:** AAB757 1/2  
**Campus offered:** KG **Semester:** 1, 2

### ► KVB757 2/2 DRAWING FOR FASHION 1

Drawing constitutes one of the key representational systems that enables the user to encode experience. The ability to utilise the language of drawing facilitates description, recording, synthesis, analysis, decoration, interpretation, reconstruction and response to visual form. Consequently, drawing in this industry incorporates conventions and interpretations of figures and materials to design, describe and promote fashion products. Core skills and knowledge of drawing provide an important foundation for existing and evolving modes for constructing and presenting fashion proposals.  
**Courses:** KF25  
**Contact hours:** 3 per week **Credit points:** 6

**Incompatible with:** AAB757 2/2

**Campus offered:** KG **Semester:** 1, 2

### ► KVB758 1/2 DRAWING FOR FASHION 2

Developing understandings of explicit outcomes of drawing systems used in fashion design and promotion enables the user to encode experience within the constraints of the industry as well as traditional and contemporary media. The ability to utilise the language of figurative drawing in fashion facilitates description, recording synthesis, analysis, decoration, interpretation, reconstruction and response in visual form. The development of skills and knowledge of fashion drawing provides access to evolving modes for constructing and presenting images for diverse production.  
**Courses:** KF25 **Prerequisites:** KVB758  
**Contact hours:** 3 per week **Credit points:** 6  
**Incompatible with:** AAB758 1/2  
**Campus offered:** KG **Semester:** 1, 2

### ► KVB758 2/2 DRAWING FOR FASHION 2

Developing understandings of explicit outcomes of drawing systems used in fashion design and promotion enables the user to encode experience within the constraints of the industry as well as traditional and contemporary media. The ability to utilise the language of figurative drawing in fashion facilitates description, recording synthesis, analysis, decoration, interpretation, reconstruction and response in visual form. The development of skills and knowledge of fashion drawing provides access to evolving modes for constructing and presenting images for diverse production.  
**Courses:** KF25 **Prerequisites:** KVB757  
**Contact hours:** 3 per week **Credit points:** 6  
**Incompatible with:** AAB758 2/2  
**Campus offered:** KG **Semester:** 1, 2

### ► KVB759 FASHION ILLUSTRATION

The importance of drawing in fashion design is to visually communicate apparel design and pattern construction. Embedded in this communication process are the conventions and influences of historical, cultural, social and environmental sources that shape the traditions of drawing for fashion.  
**Courses:** KF25 **Prerequisites:** KVB757  
**Contact hours:** 3 per week **Credit points:** 6  
**Incompatible with:** AAB759  
**Campus offered:** KG **Semester:** 1, 2

### ► KVB759 FASHION ILLUSTRATION

The importance of drawing in fashion design is to visually communicate apparel design and pattern construction. Embedded in this communication process are the conventions and influences of historical, cultural, social and environmental sources that shape the traditions of drawing for fashion.  
**Courses:** KF25 **Prerequisites:** KVB758  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AAB759  
**Campus offered:** KG **Semester:** 1, 2

### ► KWB010 COMMUNICATION FOR THE IT SPECIALIST

Students are introduced to, and instructed in, various forms of communication. These genres are explained to students and the role of each in the workplace made apparent. Students will be required to provide both written and spoken assessment items to test their ability to apply the materials from the course in a variety of situations. The unit is oriented exclusively towards the Information Technology specialist in terms of the examples, applications, and the skills developed in the unit.  
**Courses:** IT21,  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP, CA **Semester:** 1, 2

### ► KWB111 MEDIA WRITING

This unit introduces students to the formats, terminology and protocols used in the preparation of proposal documents and short scripts. It will explore fundamental concepts including narrative structures, metaphors, point of view, plotting, character and voice. Students will examine a range of professional scripts and development documents and be asked to apply their knowledge of typical script problems and solutions to their own work.  
**Courses:** KP25, KP35, KP36  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MJB111  
**Campus offered:** GP **Semester:** 1, 2

### ► KWB229 FILM AND TELEVISION SCRIPTWRITING

This unit aims to produce writers who can operate competently as scriptwriters, especially of drama scripts, and facilitates practice in writing scripts for moving image media productions. Students receive workshops and individual con-

sultations and feedback on their work with industry professionals.

**Courses:** KW25, KW32, IF93

**Prerequisites:** Undergraduate: KWB111

or completion of 96 credit points;

Postgraduate: NIL

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MJB229

**Campus offered:** GP **Semester:** 1, 2

### ► KWB250 INTRODUCTION TO CREATIVE WRITING

This course develops creative, critical and analytical skills in reading and writing a variety of creative textual forms. Students will acquire an understanding of various forms of creative language forms, especially narrative and poetry. Students will therefore be introduced to key language theory and creative writing practice.

**Courses:** KW25, KW32, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MJB250

**Campus offered:** GP **Semester:** 1

### ► KWB314 CORPORATE WRITING AND EDITING

This unit should provide a capstone for the knowledge and skills developed in other writing studies. Students expand their range of genres and acquire a more sophisticated understanding of writing fundamentals. This unit will develop the ability to identify and implement sophisticated writing genres; require students to investigate and report on a variety of writing issues; and to evaluate the efficacy of complex corporate and professional writing.

**Courses:** KW32

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► KWB315 PERSUASIVE WRITING

This unit teaches the use of persuasive writing in the workplace. The unit analyses a variety of writing genres to reveal how they persuade their audiences. The analysis is founded on critical discourse and semiotic theory. Students apply these learned techniques and theories to produce a portfolio of persuasive writing. It covers a range of genres such as Public Health Campaigns, Proposals, Speechwriting and Political Persuasion.

**Courses:** KW25, KW32, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► KWB321 BODY MATTERS

The preoccupation with the body is a permanent feature of modern life, and increasingly so as the body intersects with technology and cyberspace. This unit examines a number of body matters in a range of discourses and through a number of literary and filmic texts.

**Courses:** KW25, KW32, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** KG **Semester:** 2

### ► KWB350 CREATIVE WRITING: SHORT STORY

The emphasis is on writing the short story and narrative structure. The unit takes the perspective of the creative writing practitioner, and the emphasis is on writing for publication and for specific markets as well as for enjoyment. Editing and rewriting are viewed as integral to the writing process.

**Courses:** KW25, KW32, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MJB350

**Campus offered:** GP **Semester:** 1, 2, 3

### ► KWB370 ELECTRONIC CREATIVE WRITING

An advanced unit for students working towards a vocation involving creative and professional writing and especially for majors in creative writing production. This unit builds on the practical skills and conceptual background acquired in first and second year Creative Writing units, and offers advanced techniques in professional writing and editing, especially web/electronic narrative writing, and advanced experimental narrative techniques.

**Courses:** KW25, KW32, IF93

**Prerequisites:** KWB350

## UNIT SYNOPSES

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MJB370

**Campus offered:** GP

**Semester:** 1

► **KWB380 CREATIVE NONFICTION: LIFE WRITING**

This unit covers the diversity of creative nonfiction life writing, but with an emphasis on contemporary biography and autobiography. While providing theoretical and critical context, the main focus of classes is to teach students practical biographical and autobiographical research and writing of their own, as well as review writing and family and local history writing.

**Courses:** KW25, KW32, IF93, KW35

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MJB380

**Campus offered:** GP

**Semester:** 2

► **KWB381 CREATIVE NONFICTION: ARTS, HUMOUR, TRAVEL**

This unit covers the acquisition of practical and analytical skills in creative nonfiction writing; in particular review writing on books, film, music, visual arts, fashion and food, as well as travel, scientific, essay, humorous and sports writing. The unit provides examples, techniques and practical exercises in nonfiction creative writing and editing, and the opportunity to develop individual work in the supportive context of in-class and small workshop groups. Potential publishing areas will be explored.

**Courses:** KW25, KW32, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP

**Semester:** 1

► **KWB395 CREATIVE WRITING PROJECT 1 [12CP]**

This unit provides the opportunity for students to write a sustained piece of creative work, within the genre of their choice, including short fiction, poetry, creative non-fiction, hypertext and other multimedia interactive writing, under supervision. Such work will be written to a standard commensurate with being suitable to submit for publication to print or electronic publications. The students' final submission will also be written after familiarisation with industry demands, audience niche and marketing possibilities.

**Courses:** KW25, IF93

**Prerequisites:** Available to Creative Writing majors only.

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MJB395

**Campus offered:** GP

**Semester:** 2

► **KWB399 THE WRITING AND PUBLISHING INDUSTRY**

This unit provides a comprehensive introduction to the workings of book industry and to the professional practices of writers. By the use of value chain analysis the unit surveys: the production of the manuscript, its development, editing and publication. It then follows the public and commercial life of the book as it is distributed, consumed and its symbolic value circulated. Students gain experience in developing book ideas and analysing the book as a commodity.

**Courses:** KW25, KW32, IF93, KW35

**Prerequisites:** 96 credit points of undergraduate study.

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MJB399

**Campus offered:** GP

**Semester:** 2

► **KWB625 AMERICAN STORIES**

In view of the close cultural, political and artistic ties between America and Australia, it is useful for students to study significant developments in American cultural texts. This unit provides a strong grounding in analysing a major branch of international writing and develops skills in textual and cultural analysis.

**Courses:** KW25, KW32, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB625

**Campus offered:** KG

**Semester:** 1

► **KWB710 OZLIT**

This unit will provide students with opportunities to read, explore, discuss and evaluate a number of Australian texts written and published over the last twenty-five years. Upon completing this unit, students will be able to understand and critically

interrogate texts pertinent to contemporary Australian society and culture.

**Courses:** KW25, KW32, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB710

**Campus offered:** GP

**Semester:** 1

► **KWB712 YOUTH WRITING**

Children's and adolescent novels within the cultural context of nineteenth and twentieth century Australia, England and America; focuses on textual analysis of major generic types; considers issues such as race, gender, class and regionalism in fiction for young Australians.

**Courses:** KW25, KW32, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB712

**Campus offered:** GP

**Semester:** 2

► **KWB716 INTRODUCTION TO LITERARY AND CULTURAL STUDIES**

"The 'textualisation' of the world has been an important development in twentieth century theory in the West," (Fuery:57). What are texts? What do they mean? This unit will address these issues by providing students with an introduction to conceptual frameworks derived from some of the major critical discourses that have impacted on our world.

**Courses:** KW25, KW32, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB716

**Campus offered:** KG

**Semester:** 1

► **KWB724 WONDERLANDS: LITERATURE AND CULTURE IN THE 19TH CENTURY**

When Alice meets Neo... This unit considers important contemporary cultural and social questions by way of readings in science fiction, fantasy fiction and fiction, class ideologies and revolutionary politics from a selection of novels and poetry of the 19th Century. The novels and poems examine political and social change in Europe between 1790 and 1900, with a view to making critical links between current ideologies and literary forms and their formulation in a nineteenth century text. As such, works ranging from Frankenstein to Alice in Wonderland are deployed to consider the textual representations of important cultural, social, and sexual issues.

**Courses:** KW25, KW32, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB724

**Campus offered:** KG

**Semester:** 1

► **KWB729 SHAKESPEARE, THEN AND NOW**

Shakespeare is examined both in his own time and the present to analyse the dominance of this cultural icon; emphasises recent theoretical and performance strategies in Shakespearian genre studies.

**Courses:** KW25, KW32, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB729

**Campus offered:** GP, CA

**Semester:** 1, 2

► **KWP103 CREATIVE WRITING: GENRE AND THE NOVEL**

Examines the major theories underlying and informing the practice of writing sustained creative texts, including narrative prose, creative nonfiction and genre writing. Such theory and knowledge enhances critical awareness and writing strategies relevant to the production and future publication of a novel-length text.

**Courses:** KK51, KK54, KW35, KJ36, KP36

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MJP103

**Campus offered:** GP

**Semester:** 1

► **KWP104 EDITING AND DEVELOPING THE MANUSCRIPT**

Examines processes of editing and manuscript development from the viewpoint of both editor and writer. Students participate in the managed development of a manuscript or a range of manuscripts. Classes are taken in intimate seminar mode.

**Courses:** KK51, KK54, KJ36, KP36, KW36

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP

**Semester:** 1

► **LPP101 TRANSACTION SKILLS**

A competent legal practitioner is a skilful practitioner who has a commitment to professionalism and ethical practice in the provision of legal services. This unit seeks to develop a range of transactional lawyering skills and a general awareness of professionalism and ethical practice

**Courses:** LP41

**Contact hours:** 28

**Credit points:** 12

► **LPP102 DISPUTE RESOLUTION SKILLS**

A competent legal practitioner is a skilful practitioner who has a commitment to professionalism and ethical practice in the provision of legal services. This unit seeks to develop dispute resolution and advocacy skills and to develop an awareness of professionalism and ethical practice in the dispute resolution context..

**Courses:** LP41

**Contact hours:** 28

**Credit points:** 12

► **LPP103 BANKING AND FINANCE**

The legal profession plays a major role in facilitating borrowing, taking securities, enforcing securities and protecting the rights of borrowers and lenders. Persons seeking to become legal practitioners should have an understanding of the lawyer's role in financial arrangements. The unit will cover aspects of practice in the area of securities law, consumer credit and creditor's remedies.

**Courses:** LP41

**Prerequisites:** LPP101 and LPP102

**Contact hours:** 6 per week (on-campus mode) 2 per week (off-campus mode)

**Credit points:** 12

► **LPP104 COMMERCIAL LAW PRACTICE**

Lawyers are often called upon to advise clients on how to plan and structure commercial transactions and to advise on the legal effects of those transactions. In an economy such as Australia's, where the economic well being of many people depends on private commercial activities, lawyers must be prepared for their role in the facilitation and conduct of commercial transactions.

**Courses:** LP41

**Prerequisites:** LPP101, LPP102

**Contact hours:** 6 per week (on-campus mode) 2 per week (off-campus mode)

**Credit points:** 12

► **LPP105 FAMILY AND ESTATES PRACTICE**

Many people have their only contact with a lawyer when they have a will prepared or they become an administrator or a beneficiary of a deceased estate. Learning how to administer a deceased's estate is a good platform for developing legal drafting skills and the skill of giving legal advice in clear and concise terms. Family law practice is also one of the eight recommended areas of practice for pre-admission practical training specified by the Australasian Professional Legal Education Council.

**Courses:** LP41

**Prerequisites:** LPP101, LPP102

**Contact hours:** 6 per week (on-campus mode) 2 per week (off-campus mode)

**Credit points:** 12

► **LPP106 LITIGATION**

Civil litigation forms a major part of most legal practices. A knowledge of court procedures, litigation tactics and an ability to assist clients through the litigation process is essential for most lawyers. The unit focuses on practice in the courts. Other dispute resolution alternatives such as negotiation, mediation and counselling are dealt with in the Dispute Resolution Skills unit.

**Courses:** LP41

**Prerequisites:** LPP101, LPP 102

**Contact hours:** 6 per week (on-campus) 2 per week (off-campus)

**Credit points:** 12

► **LPP107 PROPERTY LAW PRACTICE**

Many lawyers are regularly involved in the purchase and sale of real property and the conveyance of real property. Most lawyers need an ability to advise clients in respect to contracts of sale of property and the effects on property

## UNIT SYNOPSES

transactions of legislation such as environmental and legislation planning.

**Courses:** LP41

**Contact hours:** 6 per week **Credit Points:** 12

### ► LPP108 PLACEMENT

A placement has always been regarded as a necessary part of the GradDipLegalPrac. Most pre-admission vocational training regimes for the legal profession in Australia require some workplace experience. This unit involves a placement of four weeks that will help students to experience the dynamics of a 'real' legal workplace.

**Courses:** LP41

**Contact hours:** 160 **Credit points:** 12

### ► LSB111 UNDERSTANDING DISEASE CONCEPTS

(Subject to final approval.) Introduction to structure and function of the body; review of body systems. Mechanisms of disease. Systems in detail: integumentary, skeletal, muscular, nervous, endocrine, blood, heart and circulation, lymphatic, immunity, respiratory, digestive, nutrition and metabolism, urinary, reproductive, concepts of growth and development, genetics. Examples of diseases: heart disease, cancers (lung, breast, skin, prostate, cervical), diabetes, hypertension, psychopathology (and genetic factors) of common mental disorders such as depression and schizophrenia.

**Courses:** IF47, PU40

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► LSB118 LIFE SCIENCE

An introduction to the study of life processes in all five groups of living organisms (bacteria, protists, fungi, plants and animals), and to the interactions between these organisms and their environment. Traditional topics in biology are integrated with recent research advances in molecular and cellular biology to provide a comprehensive foundation for later units in the medical, biotechnological and ecological sciences. The unit begins by constructing cells from the four quantitatively important groups of biological molecules (proteins, lipids, carbohydrates and nucleic acids). Molecular and evolutionary aspects of genetics are then introduced, with the great diversity of reproductive strategies found among organisms being emphasised. Finally, bioenergetics (photosynthesis and respiration) and its contemporary relevance to environmental issues is outlined.

**Courses:** ED50, IF86, LS37, LS50, PU43, SC01

**Contact hours:** 4 per week **Credit points:** 12

**Semester:** 1, 2

### ► LSB131 ANATOMY

Basic concepts of anatomy; overview of the structure of cells, body tissues, and body systems as well as aspects of surface anatomy which are relevant to human movement; musculoskeletal systems.

**Courses:** HL40, HL42, HM42, IF62, IF73

**Contact hours:** 5 per week **Credit points:** 12

### ► LSB142 HUMAN ANATOMY AND PHYSIOLOGY

The aim of this unit is to provide grounding in the principles of human anatomy and physiology. Following an introduction to the structure of the cell and the organisation of tissues, each of the major systems that constitute the human body are examined by the integrated study of their anatomy and physiology.

**Courses:** ED50, ME48, PU40, SC01

**Contact hours:** 4 per week **Credit points:** 12

### ► LSB145 ANATOMY 1 AND INTRODUCTORY PATHOLOGY

A study of human anatomy of the body as a whole, including a detailed study of the skeletal system. General principles of disease processes.

**Courses:** PH38

**Contact hours:** 5 per week **Credit points:** 12

### ► LSB152 ANATOMY

Topics covered include the general structure and variation in cells, macroscopic and microscopic structure of primary tissues and the macroscopic morphology of the organs and structures of organ systems.

**Courses:** OP42

**Contact hours:** 5 per week **Credit points:** 12

### ► LSB182 BIOSCIENCE 1

Develops an understanding of normal human structures in relation to their functions at the cellular, tissue and organ levels. This is an foundation course in anatomy and physiology for nursing students. Topics covered are: the cell, tissues; systems of the body and their functions, surface anatomy and body topography

**Courses:** NS40, NS48

**Contact hours:** 5 per week **Credit points:** 12

### ► LSB231 PHYSIOLOGY

Covers the general physiological principles such as homeostasis and how all systems in the body contribute to it. Topics will include cells, transport processes, cardiovascular system, cardiac electrical activity, cardiac output, regulation of blood pressure, respiratory system, endocrine system, pulmonary ventilation and its function.

**Courses:** HL40, HM42, IF62, IF73

**Contact hours:** 4 per week **Credit points:** 12

### ► LSB235 ADVANCED ANATOMY

An in-depth study of the systematic and regional anatomy of the lower limb will be undertaken with particular emphasis on osteology, arthrology, musculature, angiology and neurology.

**Courses:** PU40

**Prerequisites:** LSB131

**Contact hours:** 5 per week **Credit points:** 12

### ► LSB238 CELL AND MOLECULAR BIOLOGY 1

Introduction at the cellular level to essential physiological and metabolic requirements fundamental to life processes. This unit will concentrate on basic cell biology concepts building from the simple levels of cell components and organelles to more complex concepts of organisation and expression of the genome, the cytoskeleton and extracellular matrix structures, information transduction, cell-cell interactions and cell specialisation.

**Courses:** ED50, LS37, LS50, SC01

**Corequisites:** Students must be enrolled in or have completed LSB118

**Contact hours:** 4 per week **Credit points:** 12

**Semester:** 2

### ► LSB245 ANATOMY 2 AND INTRODUCTORY PATHOLOGY

Lectures and practical exercises involving a basic, yet comprehensive study of the anatomy and physiology of the various body systems. Application of scientific methods to the study of the general principles of disease processes and the major diseases of the organ systems.

**Courses:** PH38

**Prerequisites:** LSB145

**Contact hours:** 5 per week **Credit points:** 12

### ► LSB250 HUMAN PHYSIOLOGY

Topics examined include: basic mechanisms cells, fluids, electrolytes; energy metabolism; nutrients; transport mechanisms; blood; communication and control; excitable tissues; control systems nervous and endocrine; maintenance systems gastrointestinal; cardiovascular; respiratory; renal; integrated mechanisms sexual development; pregnancy; parturition; lactation; control of growth; food intake; organic metabolism; body temperature; ECF osmolality and volume; blood pressure and flow; respiration; response to tissue damage; adaptation to stress. This unit includes a practical program of two per week.

**Courses:** LS37, OP42

**Prerequisites:** LSB150 or LSB152

**Contact hours:** 6 per week **Credit points:** 12

### ► LSB255 HUMAN ANATOMY

The medically oriented biological scientist requires a detailed understanding and knowledge of human anatomy. This unit exposes the student to the theoretical and practical facets of both microscopic and macroscopic anatomy of the human body with the emphasis on the microscopic anatomy.

**Courses:** LS37, PU40, PU43

**Prerequisites:** LSB118 **Corequisites:** LSB250

**Contact hours:** 5 per week **Credit points:** 12

### ► LSB258 HUMAN ANATOMY AND PHYSIOLOGY

The aim of this unit is to provide a grounding in the principles of human anatomy and physiology. Following an introduction to the organisation of

tissues, each of the major systems that constitute the human body are introduced by the integrated study of their anatomy and physiology.

**Courses:** LS50, SC01

**Contact hours:** 4 per week **Credit points:** 12

### ► LSB275 BIOMOLECULAR SCIENCE

The structures and functions of proteins, carbohydrates, lipids and nucleic acids, basic enzymology, mechanisms of cellular energy production and the role of ATP; the metabolism of carbohydrates, lipids and amino acids and the fundamentals of protein biosynthesis and molecular biology.

**Courses:** OP42, PU40

**Contact hours:** 5 per week **Credit points:** 12

### ► LSB282 BIOSCIENCE 2

Introduction to diseases, infections and treatments; the body defence systems and control of infection and considers in depth the respiratory and cardiovascular systems and diseases which affect these systems.

**Courses:** NS40, NS48 **Prerequisites:** LSB182

**Credit points:** 12

### ► LSB308 BIOCHEMISTRY

The basic biochemistry of amino acids, peptides and proteins, carbohydrates and nucleic acids; lipid biochemistry and membrane function; basic enzymology; energy production in cells: high energy molecules, thermodynamics and bioenergetics.

**Courses:** ED50, IF29, IF34, IF39, IF71, IF83,

IF84, IF86, IF87, SC01, SC30

**Prerequisites:** PCB242, LSB238

**Contact hours:** 4 per week **Credit points:** 12

### ► LSB309 INTRODUCTION TO INTELLECTUAL PROPERTY LAW

Intellectual property protection is undoubtedly of paramount importance in the research, development and commercialisation of emerging technologies. Managers and researchers need to be aware of the different types of property that can be protected and how the property needs to be protected. There have also been significant developments in the field of intellectual property law in recent years. The concepts to be taught in Introduction to Intellectual Property Law are of significant relevance to persons intending to practice in the emerging fields of science.

**Courses:** LS50

**Contact hours:** 4 per week **Credit points:** 12

### ► LSB321 SYSTEMATIC PATHOLOGY

Diseases of the organ systems: cardiovascular, respiratory, alimentary, urogenital, nervous musculoskeletal, endocrine, haematologic and skin.

**Courses:** PH38

**Prerequisites:** LSB221

**Contact hours:** 3 per week **Credit points:** 8

### ► LSB325 BIOCHEMISTRY

The study of cell biology and biochemistry, along with anatomy and physiology, provides the students with the knowledge required for the proper understanding of the functioning of the human body and its organ systems in health and disease, as a preparation for their clinical studies.

**Courses:** LS37, LS50

**Prerequisites:** PCB242 **Corequisites:** LSB338

**Contact hours:** 5 per week **Credit points:** 12

### ► LSB328 MICROBIOLOGY 1

An introductory core unit in microbiology dealing with aspects of microbial diversity, ecology, classification and taxonomy, structure and function, nutrition and metabolism, growth and reproduction, genetics, control and host-microbe interactions.

**Courses:** LS37, LS50, SC01

**Prerequisites:** PCB242, LSB238

**Contact hours:** 4 per week **Credit points:** 12

### ► LSB338 CELL AND MOLECULAR BIOLOGY 2

A continuation and expansion of the topics introduced in LSB238 Cell and Molecular Biology 1. This unit integrates gene structure and the architecture and organisation of eukaryote chromosomes with the basic cellular processes associated with gene expression, mutation, DNA repair, replication and recombination from a molecular genetic perspective. A contrast is made between the complex genomes of eukaryotes and the simple genomes of viruses and bacteria.

## UNIT SYNOPSES

**Courses:** LS37, LS50, SC01

**Prerequisites:** LSB238

**Corequisites:** LSB308 (SC01), LSB325 (LS37, LS50)

**Contact hours:** 4 per week **Credit points:** 12

### ► LSB345 IMAGING ANATOMY 1

Focuses on the regional anatomy of the head, neck, upper limb, lower limb, and vertical column and the anatomy of the structures of the above regions which are visualised by medical imaging modalities.

**Courses:** PH38, PH90

**Prerequisites:** LSB241, LSB245

**Contact hours:** 4 per week **Credit points:** 12

### ► LSB358 PHYSIOLOGY 1

The aim of this unit is to provide a thorough examination of the functional organisation of the human body. The subject provides a useful frame of reference for students enrolled in courses such as biology, biochemistry, microbiology, molecular biology, nutrition and human movements. The subject is offered in conjunction with LSB458 which runs in second semester and as a prelude to the third level subjects; LSB558 and LSB658.

**Courses:** SC01, PU40, PU43, HM42, ED50

**Prerequisites:** LSB131 or LSB142 or LSB258 or NRB270

**Contact hours:** 5 per week **Credit points:** 12

### ► LSB361 FUNDAMENTALS OF MEDICINE

The theoretical basis for an understanding of the process of medical care. Students must understand the nature of disease processes and the clinicians response to them in order to: design appropriate and efficient health information services for all types of health care facilities; communicate effectively with other health professionals involved in the care of patients; assist in research and quality assurance programs in the health services. A review of the important and frequently encountered diseases and disorders of the major body systems.

**Courses:** PU40

**Prerequisites:** LSB142 **Corequisites:** PUB220

**Contact hours:** 3 per week **Credit points:** 12

### ► LSB365 PATHOLOGY

Pathology is the study of disease processes underlying the major specific diseases of the organ systems which are the focus in systematic pathology. Understanding general and systematic pathology is fundamental to the application of basic biomedical knowledge to clinically relevant states and the major diseases. The unit will incorporate practical training in diagnostic pathology.

**Courses:** LS37 **Prerequisites:** LSB250, LSB255

**Contact hours:** 5 per week **Credit points:** 12

### ► LSB382 BIOSCIENCE 3

Topics covered in this third Bioscience unit include: the physiology, pathophysiology and diseases (including infectious diseases) of the nervous, gastrointestinal and renal system; diabetes; diseases of joints; musculoskeletal adaptations; posture control and balance; obesity and its effects on the body; physiological demands of exercise.

**Courses:** NS40, NS48 **Prerequisites:** LSB282

**Contact hours:** 5 per week **Credit points:** 12

### ► LSB397 PLANT PHYSIOLOGY 1

A comprehensive overview of how plants grow and respond to the environment, based on mechanisms involving cellular and molecular events. Topics more-or-less follow the life history of the plant, and include: seed germination and the mobilisation of seed reserves; water and mineral-nutrient uptake; photosynthesis; responses to stresses (including water deficit, excess light, attacks by pests and pathogens); synthesis of unique chemicals; development of flowers and fruits. This is a foundation unit for continuation into plant biotechnology and ecology areas.

**Courses:** ED50, LS50, SC01

**Contact hours:** 4 per week **Credit points:** 12  
**Semester:** 2

### ► LSB408 METABOLISM

The basic pathways of metabolism of the major nutrient groups in mammals, including carbohydrates, lipids and amino acids; electron transport and oxidative phosphorylation; metabolic control mechanisms in relation to nutrient status, energy demand and the integration of specialised tissue functions.

**Courses:** ED50, SC01 **Prerequisites:** LSB308

**Contact hours:** 4 per week **Credit points:** 12

### ► LSB409 READINGS IN BIOTECHNOLOGY

Knowledge of the practical aspects of developing a project for research and development is a fundamental aspect of real-world commercial biotechnology. In this unit, students will adopt a team approach to developing and designing a research project to be undertaken in LSB709 Biotechnology Research Project. Students will explore the roles of teams in assigning, performing and reporting on tasks related to the preliminary literature search and project inception, design, management and feasibility. Academic and industry mentors will guide student teams through the preliminary stages of project conceptualisation and monitor progress of activities.

**Courses:** LS50

**Contact hours:** 4 per week **Credit points:** 12

### ► LSB415 MICROBIOLOGY

A course of lectures and practicals for the health professions which covers microbiological terminology, classification of living organisms, collection and manipulation of microbiological samples, public health concerns relating to microorganisms and report writing skills applying microbiological knowledge.

**Courses:** PU40, PU43

**Contact hours:** 6 per week **Credit points:** 12

### ► LSB425 QUANTITATIVE MEDICAL SCIENCE

This unit develops the understanding of basic theoretical and practical aspects of biochemistry and molecular biology in the context the clinical analysis laboratory, providing the background for the Clinical Biochemistry units.

**Courses:** LS37

**Prerequisites:** LSB325, LSB338, MAB141

**Contact hours:** 5 per week **Credit points:** 12

### ► LSB428 MICROBIOLOGY 2

An extension of the core unit in microbiology dealing with further aspects of microbial diversity, ecology, classification and taxonomy with emphasis on human pathogens, action of and resistance to antimicrobial chemicals, microbial mechanisms of pathogenicity, foodborne pathogens and spoilage, examples of the industrial importance of microbes, and safe manipulation of pathogenic microbes.

**Courses:** SC01

**Prerequisites:** LSB328

**Contact hours:** 4 per week **Credit points:** 12

### ► LSB435 DIAGNOSTIC MICROBIOLOGY 1

This unit builds upon foundation topics in Microbiology 1 and starts preparing the student for a career in a routine diagnostic microbiology laboratory in clinical practice. This unit emphasises a strong commitment to professional practice by: developing high level generic and specific skills in specimen processing, but focusing on the isolation and identification of key microbial agents of infectious disease, and in the interpretation and intelligent discussion of results and laboratory report writing. These advanced skills will assist in effective patient management in clinical practice.

**Courses:** LS37

**Prerequisites:** LSB328

**Contact hours:** 5 per week **Credit points:** 12

### ► LSB438 IMMUNOLOGY 1

The mechanisms of the immune process including the nature of antigen, antibodies, antigen-antibody reactions, antibody formation, control of the humoral and cell-mediated immune responses, hypersensitivity and allergy, immunisation of humans against infections

**Courses:** SC01 **Prerequisites:** LSB328, LSB358

**Contact hours:** 5 per week **Credit points:** 12

### ► LSB445 IMAGING ANATOMY 2

Focuses on the regional anatomy of the thorax and abdomen regions and the anatomy of the structures of the above regions which are visualised by medical imaging modalities.

**Courses:** PH38, PH90

**Prerequisites:** LSB241, LSB245, LSB345

**Contact hours:** 4 per week **Credit points:** 12

### ► LSB451 HUMAN PHYSIOLOGY

A course of lectures and practicals, similar to LSB250.

**Courses:** PU43

**Prerequisites:** LSB131

**Contact hours:** 6 per week **Credit points:** 12

### ► LSB458 PHYSIOLOGY 2

The aim of this unit is to provide a thorough examination of the functional organisation of the human body. The subject provides a useful frame of reference for students enrolled in courses such as biology, biochemistry, microbiology, molecular biology, nutrition and human movements. The subject is offered in conjunction with LSB358 which runs in first semester and as a prelude to the third level subjects; LSB558 and LSB658.

**Courses:** ED50, HM42, PU40, PU43, SC01

**Prerequisites:** LSB131 or LSB142 or NRB270

**Contact hours:** 5 per week **Credit points:** 12

### ► LSB465 HISTOPATHOLOGY 1

Histopathology and cytology are essential components of pathological diagnosis and major clinical disciplines in Medical Laboratory Science. The unit aims to impart a working knowledge of basic techniques used in clinical histopathology and research histology laboratories and the techniques involved in the current practice of diagnostic cytology.

**Courses:** LS37

**Prerequisites:** LSB255, LSB365, PCB243

**Contact hours:** 5 per week **Credit points:** 12

### ► LSB468 MOLECULAR BIOLOGY

Techniques for the isolation, purification and genetic engineering of nucleic acids. Includes procedures for gene detection and analysis, gene isolation, cloning and amplification, and gene library construction and screening.

**Courses:** LS50, SC01

**Prerequisites:** LSB308, LSB338

**Contact hours:** 5 per week **Credit points:** 12

### ► LSB475 DISEASE PROCESSES 4

Principles of the study of disease and dealing with the causes and nature of circulation disorders, degenerative processes, metabolic and nutritional disorders, disturbances of development and growth, inflammation, infections and infestations, regeneration and repair, and neoplasia. Includes: the applications of general pathology to the study of diseases of the heart and circulatory system, digestive system, respiratory system, urogenital system, endocrine system, nervous system, haematologic system and skin.

**Courses:** PU43

**Contact hours:** 4 per week **Credit points:** 12

### ► LSB480 PROFESSIONAL PRACTICE

Introduces students to the workplace, that is a pathology laboratory. The student undertakes a two-four week work experience program in a city or country pathology laboratory during the summer vacation between semesters 4 and 5 of the full-time course and between semesters 8 and 12 of the part-time course.

**Courses:** LS37

**Corequisites:** LSB400, LSB410, LSB430, LSB450, LSB460

### ► LSB492 MICROBIOLOGY 3

An introductory core unit of microbiology for students of optometry: with cytology, nutrition, genetics, control of microbial populations and principles of taxonomy in relation to optometry.

**Courses:** OP42

**Contact hours:** 4 per week **Credit points:** 12

### ► LSB497 PLANT MOLECULAR BIOLOGY

This is an intermediate level unit that will complement and extend the knowledge and skills obtained in the core biotechnology units to provide a basis for those intending to undertake more advanced plant biotechnology units. This unit will integrate the fundamentals of plant mo-



## UNIT SYNOPSES

lecular biology, biochemistry and cell culture to teach the molecular basis of plant development. Topics covered will include: basic plant molecular biology; the genetic basis of control of plant development; cell signalling in plants; model systems for studying gene function; plant genome maps; manipulation of plants *in vitro*; plant responses to biotic and abiotic stress.

**Courses:** LS50, SC01

**Prerequisites:** LSB338 **Corequisites:** LSB468  
**Contact hours:** 4 per week **Credit points:** 12

### ► LSB508 ADVANCED METABOLISM

Detailed information is provided on the catabolic and anabolic pathways for the major macromolecules in mammalian systems. Important aspects of non-mammalian metabolism are described. Advanced concepts in bioenergetics and thermodynamics are described in the context of cellular metabolism. Integration of metabolism including production of mixed conjugates of biological significance such as amino-sugars and lipopolysaccharides, and hormonal regulation of metabolism.

**Courses:** SC01

**Prerequisites:** LSB408

**Contact hours:** 5 per week **Credit points:** 12

### ► LSB509 MEDICAL BIOTECHNOLOGY 1

Students undertaking Medical Biotechnology should have a thorough understanding of diagnostics and therapeutics in the commercial environment of biotechnology. LSB509 aims to increase the student's understanding of DNA and protein-based diagnostics and their use in genetic or biochemical mapping and identification of target genes, disease risks and traits, infectious diseases, identity testing and other forms of investigative analyses.

**Courses:** LS50, SC01 **Prerequisites:** LSB468

**Contact hours:** 4 per week **Credit points:** 12

### ► LSB525 CLINICAL BIOCHEMISTRY 1

This course of study (along with LSB625 Clinical Biochemistry 2) provides the graduating scientists with sufficient biochemical knowledge and laboratory experience to work effectively in both the smaller general-purpose laboratory performing a limited number of biochemical tests and the larger specialised laboratory performing in-depth studies of all aspects of clinical biochemistry.

**Courses:** LS37

**Prerequisites:** LSB425

**Contact hours:** 5 per week **Credit points:** 12

### ► LSB527 BIOMEDICAL RESEARCH TECHNOLOGIES

This unit complements the study of nucleic acid based research and diagnostic technologies studied in LSB598, by providing an understanding of the methodology and application of those protein based technologies which are important in biomedical research and diagnostic investigations.

**Courses:** SC01

**Prerequisites:** LSB308

**Contact hours:** 5 per week **Credit points:** 12

### ► LSB528 ENVIRONMENTAL MICROBIOLOGY

A unit designed to provide students with an understanding of how the microbial world interacts with the environment. Topics covered include microbial ecosystems; symbiotic relationships (plants and microbes, animals and microbes); an introduction to biogeochemical cycles including microbial transformations (carbon cycles, methanogenesis, nitrogen cycle, sulphur cycles); plant and soil microbiology; water microbiology; bioaerosols; and bioremediation of plants, soil and water.

**Courses:** SC01

**Prerequisites:** LSB428

**Contact hours:** 4 per week **Credit points:** 12

### ► LSB535 MICROBIAL IMMUNOLOGY

This unit builds on the concepts developed in Immunology 1 to introduce students to the life cycles of a variety of pathogens, particularly viruses, and the mechanisms employed by a host to avoid infection.

**Courses:** LS37 **Prerequisites:** LSB430, LSB438

**Contact hours:** 5 per week **Credit points:** 12

### ► LSB537 GENETIC ENGINEERING

Genetic Engineering aims to impart an understanding of the manipulative skills involved in experiments aimed at recombining DNA molecules as well as an understanding of the analyti-

cal skills required in characterising target DNA molecules using the global online genetic databases. Genetic Engineering and its prerequisite LSB468 Molecular Biology together encompass all of the theoretical background and manual skills required by graduates to perform basic nucleic acid manipulations and to undertake investigative analysis using online and local facilities in clinical and research laboratories.

**Courses:** LS50, SC01 **Prerequisites:** LSB468

**Contact hours:** 5 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► LSB547 BACTERIAL PATHOGENESIS AND DISEASE DIAGNOSIS

Clinical bacteriology dealing with the characteristics, isolation and identification of bacteria implicated in human disease; the collection and examination of clinical specimens; the use of computerised data bases in bacterial identification and antibiotic sensitivity tests on laboratory isolates; the interpretation and reporting of results. Key aspects of the strategies and mechanisms by which bacteria cause disease in human hosts is also addressed.

**Courses:** SC01

**Prerequisites:** LSB428

**Contact hours:** 5.5 per week **Credit points:** 12

### ► LSB555 HAEMATOLOGY 1

This unit introduces the discipline of haematology and the routine procedures performed in the haematology section of a pathology department, and introduces the concepts of anaemia and its investigation. This unit provides a detailed understanding of the common erythrocyte disorders. Diagnostic procedures, aetiology, pathophysiology, clinical manifestations and treatment of each disorder are included.

**Courses:** LS37

**Prerequisites:** LSB325, LSB365, LSB465

**Contact hours:** 5 per week **Credit points:** 12

### ► LSB558 ADVANCED PHYSIOLOGY

Divided into 2 areas: a lecture course on recent advances in physiological knowledge and a practical component that introduces experimental design. Using an emphasis on current research developments, selected physiological areas including the cardiovascular and neurological systems, will be considered in depth to extend prior knowledge of physiology. The practical course introduces aspects essential for the correct design of scientific experiments.

**Courses:** SC01 **Prerequisites:** LSB358, LSB458

**Contact hours:** 5 per week **Credit points:** 12

### ► LSB565 HISTOPATHOLOGY 2

Histopathology is an essential component of pathology and one of the major clinical disciplines in Medical Laboratory Science. Students are introduced to advanced techniques and methods of handling histopathological specimens. Students acquire scientific and technical expertise that enable them to carry out and understand a range of techniques used routinely in clinical histopathology and histology research laboratories.

**Courses:** LS37

**Prerequisites:** LSB255, LSB365, LSB465

**Contact hours:** 5 per week **Credit points:** 12

### ► LSB568 ELECTRON MICROSCOPY

A theoretical and practical background to the operation and use of scanning and transmission electron microscopes in biological, materials and forensic science; basic principles of specimen preparation with emphasis on methods complementary to biology, microbiology and molecular biology; analytical capabilities of electron beam instruments.

**Courses:** SC01

**Contact hours:** 5 per week **Credit points:** 12

### ► LSB577 PLANT BIOTECHNOLOGY 1

The potential of plant biotechnology can only be recognised as a result of the significant advances being made in technologies enabling the genetic manipulation of plants. Familiarity with the strategies, techniques and breadth of applications is essential as a basis for anyone planning a career in plant biotechnology. In this unit, students will be presented with an integrated picture of the current technology and applications used for the genetic manipulation of plants (including advanced cell and tissue culture and transforma-

tion technologies). The unit is designed with a significant emphasis on achieving technical expertise and to provide a basis for the more advanced applications presented in Plant Biotechnology II.

**Courses:** LS50, LS70, SC01

**Prerequisites:** LSB468 **Corequisites:** LSB537

**Contact hours:** 4 per week **Credit points:** 12

### ► LSB578 VIROLOGY

Lectures and practical classes designed to introduce students to the basic concepts of virology. A range of viruses and virus diseases are examined and topics include viral morphology and composition, taxonomy and classification, replication, purification, diagnosis and assay, transmission and control.

**Courses:** SC01

**Prerequisites:** LSB428

**Contact hours:** 5 per week **Credit points:** 12

### ► LSB605 PROTEIN ENGINEERING AND BIOPROCESSING

The ultimate goal of most biotechnology processes is the production of a viable organism or functional protein. This unit deals with the factors that determine success in achieving these goals. It builds on information delivered in Molecular Biology, Genetic Engineering and Genomics, defining the special considerations that apply to different expression systems and the unique difficulties of scale-up procedures for commercial development.

**Courses:** LS50, SC01

**Prerequisites:** LSB308 **Corequisites:** LSB468

**Contact hours:** 4 per week **Credit points:** 12

### ► LSB607 PROTEIN PURIFICATION

Comprehensive project designed to integrate a number of specialist biochemical procedures including centrifugation, liquid chromatography, electrophoresis and spectrophotometry. Students participate in group projects where they are required to design and execute their own experimental protocols for the purification and analysis of selected proteins.

**Courses:** LS70, SC01 **Prerequisites:** LSB308

**Contact hours:** 5 per week **Credit points:** 12

### ► LSB608 PROTEIN SCIENCE

Lectures, tutorials and practicals dealing with properties and analyses of proteins. Students will gain knowledge and experience of the forces that determine protein structure, and an understanding of the techniques for analysing and altering protein properties. Discussion will include methods of sequence analysis, algorithms for structure prediction, design and construction of synthetic proteins, and evolution and significance of structural motifs.

**Courses:** SC01

**Prerequisites:** LSB308

**Contact hours:** 5 per week **Credit points:** 12

### ► LSB609 MEDICAL BIOTECHNOLOGY 2

Students undertaking Medical Biotechnology should have a thorough understanding of diagnostics and therapeutics in the commercial environment of biotechnology. LSB609 aims to increase the student's understanding of cell-based strategies, approaches and applications used as therapeutic interventions in medicine. The unit will focus on current state-of-the-art applications within therapeutic biotechnology as directed to novel drug discovery and drug optimisation and to the development of novel therapeutic agents, such as genes for gene therapy, and proteins and peptides for immunotherapy.

**Courses:** LS50, SC01 **Prerequisites:** LSB509

**Contact hours:** 4 per week **Credit points:** 12

### ► LSB619 GENOMICS

The completion of the Human Genome project, along with similar projects on other eukaryote organisms, marks the beginning of a major revolution in fundamental biology that will, ultimately, reach into all corners of human life. Students undertaking any careers associated with the biotechnology, whether it be scientific investigation or related to the business or legal aspects of biotechnology require an appreciation of the concepts of and approaches to the science and technology behind genome projects.

**Courses:** LS50, LS70, LS80, SC01

**Prerequisites:** LSB537

**Contact hours:** 4 per week **Credit points:** 12

## UNIT SYNOPSES

### ► **LSB625 CLINICAL BIOCHEMISTRY 2**

This course of study (along with LSB525) provides the graduating scientists with sufficient biochemical knowledge and laboratory experience to work effectively in both the smaller general-purpose laboratory performing a limited number of biochemical tests and the larger specialised laboratory performing in-depth studies of all aspects of clinical biochemistry.

**Courses:** LS37 **Prerequisites:** LSB525  
**Contact hours:** 5 per week **Credit points:** 12

### ► **LSB628 FOOD MICROBIOLOGY**

A unit that covers the most significant areas of food microbiology at an advanced level. Topics include aspects of microbial ecology of foods, microbial spoilage and preservation, microorganisms of public health significance, food fermentations, and the isolation and identification of microbes often present in foods. A professional attitude towards work in a microbiology laboratory and an awareness of the dangers of working with pathogenic cultures will be established.

**Courses:** SC01 **Prerequisites:** LSB428  
**Contact hours:** 4 per week **Credit points:** 12

### ► **LSB635 DIAGNOSTIC MICROBIOLOGY 2**

This is an advanced level unit in clinical microbiology expanding on themes and concepts presented in Diagnostic Microbiology 1 and discusses aspects of direct relevance to graduating students in this discipline. Diagnostic Microbiology 2 thus completes the preparation of students for a career in a routine diagnostic microbiology laboratory by continuing to develop and refine advanced level generic and specific skills in specimen processing, isolation and identification of key microorganisms involved in infectious disease processes and in the interpretation and intelligent discussion of results and laboratory report writing, compilation and critical discussion.

**Courses:** LS37 **Prerequisites:** LSB435, LSB535  
**Contact hours:** 5 per week **Credit points:** 12

### ► **LSB647 CLINICAL MYCOLOGY AND PARASITOLOGY**

A third year unit in microbiology with aspects of fungal taxonomy, classification of clinical mycoses, collection of material for fungal isolation and identification of superficial, subcutaneous, systemic and opportunistic mycoses. Parasitology will include a systematic study of identification, life history, incidence, modes of infection, epidemiology and control of parasite infections in humans.

**Courses:** SC01 **Prerequisites:** LSB428  
**Contact hours:** 4 per week **Credit points:** 12

### ► **LSB648 MOLECULAR MICROBIOLOGY**

A third year unit in microbiology with aspects of microbial pathogenesis which includes microbial interactions with higher organisms, biological, cellular and molecular basis of infectious disease, human host defences, virulence factors of microorganisms, molecular phylogeny and taxonomy, methods for detection and typing of microorganisms, the structure of bacterial cells and mechanisms of antibiotic resistance.

**Courses:** SC01 **Prerequisites:** LSB428  
**Contact hours:** 4 per week **Credit points:** 12

### ► **LSB655 HAEMATOLOGY 2**

This unit provides a detailed understanding of the common leucocyte and coagulation disorders investigated by the haematology laboratory and reinforces knowledge acquired in the previous haematology units. Diagnostic procedures, aetiology, pathophysiology, clinical manifestations and treatment of each disorder are included in the discussion of the disorders.

**Courses:** LS37 **Prerequisites:** LSB555  
**Contact hours:** 5 per week **Credit points:** 12

### ► **LSB657 PERSPECTIVES IN LIFE SCIENCE**

Positive and negative aspects of humanity's utilisation of resources are critically analysed. Topics include humanity's food supply, humanity's profligate consumption of energy, global climate change, losses of soils and ecosystems and species, and contemporary aspects of biotechnology

such as the GM food debate, and ethical aspects of medical and corporate biotechnology.

**Courses:** ED50, SC01 **Prerequisites:** LSB118  
**Contact hours:** 4 per week **Credit points:** 12  
**Semester:** 2

### ► **LSB658 CLINICAL PHYSIOLOGY**

Students will explore the physiological basis, pathogenesis, clinical features and treatment rationale of the major disorders of the cardiovascular, respiratory, haematological, renal, gastrointestinal, nervous and endocrine systems. One of the objectives of the unit is to develop critical thinking and apply this to the discussion of pathophysiological cases.

**Courses:** SC01 **Prerequisites:** LSB358, LSB458  
**Contact hours:** 5 per week **Credit points:** 12

### ► **LSB665 IMMUNOHAEMATOLOGY**

This course is designed to provide students with an understanding of the antigens, immune mechanisms and clinical factors involved in blood transfusion and tissue transplantation.

**Courses:** LS37  
**Prerequisites:** LSB438, LSB535, LSB555  
**Contact hours:** 5 per week **Credit points:** 12

### ► **LSB677 PLANT BIOTECHNOLOGY 2**

This unit will expand on topics introduced in earlier units and will address the more advanced and more specialised areas of plant molecular biology and biotechnology. The unit is designed to give students an insight into the scope and future potential of plant biotechnology and include topics such as: advanced applications of transgenic plants, functional genomics and gene discovery, specific genes and gene families, molecular markers and mapping, and gene silencing.

**Courses:** LS50, LS70, SC01  
**Prerequisites:** LSB517  
**Contact hours:** 4 per week **Credit points:** 12

### ► **LSB698 MOLECULAR PATHOGENESIS 2**

This unit aims to increase students' understanding of the principles of basic science (biochemistry, cell biology, microbiology and genetics) by using significant human disease states to illustrate the mechanisms involved in the pathogenesis of disease. The emphasis will be on the understanding of the molecular mechanisms that underlie disease rather than the details of the particular disease.

**Courses:** SC01 **Prerequisites:** LSB598  
**Contact hours:** 5 per week **Credit points:** 12

### ► **LSB709 BIOTECHNOLOGY RESEARCH PROJECT**

Knowledge of the practical aspects of developing a project for research and development is a fundamental aspect of real-world biotechnology. This unit involves a small team research project based on the RandD proposal developed in LSB409 Readings in Biotechnology. The unit will guide student teams through the research process from the experimentation to the writing of an assessment of the project under the guidance of academic and industry mentors.

**Courses:** LS50  
**Contact hours:** 4 per week **Credit points:** 12

### ► **LSB850 RESEARCH STRATEGIES**

Seminars presented by staff of the School of Life Sciences and other research scientists on their area of expertise. A series of tutorials and lectures on such topics as library searches, oral communications, written communications and ethics. Two seminars are presented by the student covering the background literature relevant to the student's research project and the research findings.

**Courses:** SC60 **Credit points:** 12

### ► **LSB851 READINGS IN LIFE SCIENCE 1**

The preparation of a literature review of direct and associated relevance to the Honours research project under the guidance of the supervisor(s). Includes presentation of a grant proposal demonstrating a considerable knowledge, understanding and appreciation of the literature as well as a critical appraisal of future research requirements.

**Courses:** SC60 **Credit points:** 24

### ► **LSB852 PROJECT**

The preparation of a paper reporting the methods and results of investigations in the Honours re-

search projects. The paper also includes an introduction, analysis and discussion of the project in a style and length deemed to be appropriate by the Unit Coordinator. Students should relate this project work to published work already undertaken in the field.

**Courses:** SC60 **Credit points:** 60

### ► **LSN009 READINGS IN LIFE SCIENCE 4**

A review of literature in an area determined in consultation with the supervisor. The area can be associated with the research project topic and can be broadly or narrowly focused but should not include any significant material covered in LSN013. The review should cover the background to the area as well as recent advances and identify deficiencies and possible future research directions. The review should be a critical analysis of the area. Reviews should normally be approximately 5000 words.

**Courses:** SC80  
**Contact hours:** 1 per week **Credit points:** 12

### ► **LSN011 RESEARCH SEMINARS IN LIFE SCIENCE 1**

A 30-minute public seminar to include a presentation and question period addressing the background to the proposed research topic in the postgraduate degree and outlining the proposed directions of the research program. The seminar should normally be presented within 12 months (full-time) or 24 months (part-time) of commencement of the postgraduate program.

**Courses:** IF49, SC80 **Credit points:** 6

### ► **LSN013 READINGS IN LIFE SCIENCE 3**

A comprehensive and critical review of the background and current literature directly related to the research project topic. The review should identify major and minor deficiencies in the research literature and identify possible directions for future research. The review should be approximately 10 000 words and at least one draft should be presented to the supervisor prior to final submission.

**Courses:** IF49, SC80 **Credit points:** 24

### ► **LSN023 RESEARCH SEMINARS IN LIFE SCIENCE 3**

A 60-minute public seminar to include a presentation and question period outlining the results of the postgraduate research program as well as possible future research directions in this area.

**Courses:** IF49, SC80 **Credit points:** 12

### ► **LSN102 CELLULAR BASIS OF DISEASE**

Cell injury and stress mechanisms. Cellular communication. The responses of organelles, cells and tissues to injury and stress including: immune, inflammation, thrombosis, ageing and neoplastic responses. Transplantation and regeneration.

**Courses:** LS70, LS80  
**Contact hours:** 3 per week **Credit points:** 12

### ► **LSN159 ADVANCED PATHOLOGY**

The fundamentals of anatomy, physiology and pathology; emphasis on applied cross-sectional anatomy and integration of knowledge of pathological processes.

**Courses:** PH80  
**Contact hours:** 4 per week **Credit points:** 12

### ► **LSN160 EPIDEMIOLOGY FOR LIFE SCIENTISTS**

This unit aims to enable students to acquire knowledge and develop critical thinking in epidemiological research. Topics covered include general principles of Epidemiology; rates and ratios, standardisation; types of studies; ethical issues in study design and conduct; statistics as related to epidemiology; criteria for causal relationship; principles of screening tests; epidemiology of infectious diseases. Information is presented in informal interlinked lectures and tutorials. Epidemiological exercises are discussed. Students develop skills in using statistical capabilities in Excel.

**Courses:** LS70, LS80  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

### ► **LSN710 PROJECT**

A supervised project in an area selected by the student. The project area may be novel, developmental or directed at an investigation of the

introduction of a new system into the laboratory. Other areas which are considered appropriate include epidemiological analyses, laboratory safety, laboratory design or the efficacy of laboratory service. Each student submits a written project report in a style to present the data, but according to specific guidelines.

**Courses:** LS80 **Credit points:** 48

► **LSN711 PROJECT 1**

See LSN710.

**Courses:** LS80 **Credit points:** 24

► **LSN712 PROJECT 2**

See LSN710.

**Courses:** LS80 **Credit points:** 24

► **LSP127 BUSINESS ASPECTS OF BIOTECHNOLOGY**

Commercial perspectives of a biotechnology company; funding for commercial research; research patents and intellectual property; GMAC/recombinant DNA guidelines and regulations; overview of Australian biotechnology companies; site visits to one or two biotechnology companies.

**Courses:** LS70, LS80

**Contact hours:** 5 per week **Credit points:** 12

► **LWB136 CONTRACTS A**

Formation of contracts; equitable estoppel; privity of contract; formalities; express and implied terms. An examination of promises which are legally binding, how contractual promises may be characterised and the significance of that characterisation.

**Courses:** LW33, LW42, LW65, LW70, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB102, LWB132

**Campus offered:** GP, EXT **Semester:** 1, 2

► **LWB137 CONTRACTS B**

Discharge of contracts (performance, breach, agreement, frustration); remedies; vitiating factors (misrepresentation, mistake, undue influence, duress, unconscionable contracts, illegality). An examination of and how contractual promises may be discharged or invalidated. Topics include discharge; performance; agreement; frustration; remedies; vitiating factors (misrepresentation, mistake, undue influence, duress, unconscionable contracts, illegality).

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB136

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB102, LWB132

**Campus offered:** GP, EXT **Semester:** 2, 3

► **LWB138 FUNDAMENTALS OF TORTS**

The law of torts is of primary importance in understanding how the Australian legal system operates to compensate the physical and/or financial harm one person suffers as a result of another's wrongdoing. Almost all law schools and most professional admission authorities share this common view of the fundamental nature of this category of civil wrongs. Today the most significant area of the law of torts is that of negligence which is also the most commonly litigated tort action. Of particular importance is the large number of negligence actions which arise out of motor vehicle, work-related and similar types of accidents. However, a knowledge and understanding of the tort of negligence can only occur in the context of the development of the earlier torts such as trespass to the person, land and personal property. In this unit the principles and rules of the law of torts relating to negligence and trespass actions are also examined to ascertain whether they achieve outcomes which are consistent with contemporary legal and social values.

**Courses:** LW33, LW42, LW65, LW70, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB103, LWB133

**Campus offered:** GP, EXT **Semester:** 1, 2

► **LWB139 SELECT ISSUES IN TORTS**

The law of torts is of primary importance in understanding how the Australian legal system operates to compensate the physical and/or financial harm one person suffers as a result of

another's wrongdoing. Almost all law schools and most professional admission authorities share this common view of the fundamental nature of this category of civil wrongs. In the unit Fundamentals of Torts the principles and rules relating to the torts of negligence and trespass were examined in the context of whether these torts achieve outcomes which are consistent with contemporary legal and social values. In this unit a wider range of torts and related issues are examined so that you may develop the knowledge, understanding and skills necessary to maintain in the future your abilities in this important area of legal practice.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB138

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB103, LWB133

**Campus offered:** GP, EXT **Semester:** 2, 3

► **LWB141 LEGAL INSTITUTIONS AND METHOD**

This unit aims to introduce students to the building blocks of law - fundamental principles, legal terminology, legal institutions, legal methodology, sources of the law, ways to interpret the law including an introduction to policy and international considerations. The material is presented as an integrated whole so that the students obtain a broad perspective and an ability to 'navigate the law' without artificially dividing any particular aspect. The unit also aims to emphasise the joint responsibility of the teacher and the student for learning and to foster the development of skills in communication, comprehension and analysis.

**Courses:** LW33, LW42, LW65, LW70, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB101, LWB135

**Campus offered:** GP, EXT **Semester:** 1, 2

► **LWB142 LAW, SOCIETY AND JUSTICE**

This unit will examine the basic tenets of our democratic liberal legal system, particularly the central concept, the rule of law. The unit begins with an historical development of rights and the rule of law. It will look at how law and values intertwine and how society at a particular time shapes notions of legal personality, the recognition of 'family' and human rights in law. It will finally address the limitations of democratic liberalism and the rule of law by examining the reality of equality before the law in relation to such topics as gender and cultural neutrality, equal access to justice, and lawyers and the adversarial system.

**Courses:** LW33, LW42, LW65, LW70, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB101, LWB131

**Campus offered:** GP, EXT **Semester:** 1

► **LWB143 LEGAL RESEARCH AND WRITING**

A 'learn by doing' unit in which students are introduced to the use of all common legal research tools, in both print and electronic form, as they research a legal problem from a totally unfamiliar area of law. Also introduces students to legal writing and citation style, with an emphasis on the use of plain English.

**Courses:** LW33, LW42, LW65, LW70, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB141

**Corequisites:** LWB141

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB104, LWB134

**Campus offered:** GP, EXT **Semester:** 2

► **LWB144 LAWS AND GLOBAL PERSPECTIVES**

This unit is designed to give students an understanding of the global context in which Australia operates and the important impact of this context on Australian law and legal practice. The unit will introduce and explain the fundamental structures and principles of Comparative Law, Public International Law and Private International Law; and examine their relevance to contemporary legal practice in Australia.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB101, LWB131

**Campus offered:** GP, EXT **Semester:** 2

► **LWB231 INTRODUCTION TO PUBLIC LAW**

The basic institutions of government: the executive, the Parliament and the judiciary; the general principles to which legislative power is subject, and the principles by which executive decision-making is kept open and accountable.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB203, LWB311

**Campus offered:** GP, EXT **Semester:** 1

► **LWB235 AUSTRALIAN FEDERAL CONSTITUTIONAL LAW**

The constitutional arrangements effected by the Commonwealth Constitution; the structure and institutions of the constitution; the division of power between Commonwealth and states; and relations between the different levels of government; emphasis to Commonwealth legislative powers, executive and judicial powers.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB231 **Corequisites:** LWB231

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB203

**Campus offered:** GP, EXT **Semester:** 2

► **LWB236 REAL PROPERTY A**

Property, rights of ownership and title are institutions at the basis of contemporary Australian society. A sound knowledge of the general principles of property and real property law is essential for any lawyer. This unit, together with Real Property B, examines general principles concerning the nature of property and real property law. Topics covered include: the concept of property, land ownership in Australia, native title, ownership, possession and title, ownership rights, law and equity, land transactions, and the Torrens system.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB143, LWB240 or equivalent

**Corequisites:** LWB240 or equivalent

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB201, LWB233

**Campus offered:** GP, EXT **Semester:** 1

► **LWB237 REAL PROPERTY B**

This unit continues the examination of the general principles of real property law commenced in Real Property A. Topics include: co-ownership of land, leases, mortgages, easements, freehold covenants, and community titles schemes.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB236

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB201; LWB233

**Campus offered:** GP, EXT **Semester:** 2

► **LWB238 FUNDAMENTALS OF CRIMINAL LAW**

An understanding of the principles of Criminal Law is of fundamental importance as it impinges upon almost every aspect of domestic, commercial, corporate and public activity in Queensland. The aim of this unit is to provide an overview of the aims and sources of Criminal Law in Queensland and develop an understanding of the onus of proof in criminal matters. Additionally the unit explores the concept of fault elements, the criminal justice system and a selection of major offences while also developing advocacy skills.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB202, LWB232

**Campus offered:** GP, EXT **Semester:** 1

► **LWB239 CRIMINAL RESPONSIBILITY**

The aim of this unit is to build upon the principles and skills explored in LWB238 by developing an understanding of the way criminal responsibility is imposed through the complicity

## UNIT SYNOPSES

provisions of the Criminal Code and the common law and how the major defences and excuses operate. The unit also examines the major sentencing principles applied in Queensland.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB238

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB202; LWB232

**Campus offered:** GP, EXT **Semester:** 2

### ► LWB240 PRINCIPLES OF EQUITY

The principles of Equity were originally developed to ameliorate the harshness of the common law and have since become a fundamental component of our legal system. A knowledge and understanding of the major principles of equity is necessary to an understanding of how the Australian legal system operates and it is therefore located early in the LLB degree. The aim of this unit is to provide a coherent knowledge and understanding of equitable principles within the context of the Australian legal system as well as developing skills relevant to ongoing learning and professional practice.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB301, LWB234

**Campus offered:** GP, EXT **Semester:** 1

### ► LWB241 TRUSTS

Trusts are a fundamental institution of ownership of property in equity and they are used for various purposes including estate planning, commercial, and charitable purposes. A knowledge and understanding of the trust in its various forms and the equitable principles of property transfer are fundamental in understanding the impact of the principles of equity in the area of property ownership and rights. The aim of this unit is to provide a coherent knowledge and understanding of the law relating to trusts within the context of the Australian legal system as well as developing skills relevant to ongoing learning and professional practice.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB301, LWB234

**Campus offered:** GP, EXT **Semester:** 2

### ► LWB302 FAMILY LAW

The manner in which the law treats the special social relationships which exist among members of a family and transforms them into legal rights and duties. The family as a legal phenomenon; methods of dispute resolution in family law; annulment of marriages; dissolution of marriages; consequences of separation and divorce, such as maintenance, child support, adjustment of interests in property and parental responsibilities.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP, EXT **Semester:** 1

### ► LWB307 INSOLVENCY LAW

Examines the insolvency of individuals and the Bankruptcy Act 1966 (Cth); winding up of companies, reconstructions and arrangements and voluntary administration as procedures other than winding up which may be open to an insolvent company; the law relating to receivership; and relevant provisions of the Corporations Law.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 2 per week **Credit points:** 12

**Campus offered:** GP, EXT **Semester:** 1

### ► LWB308 INDUSTRIAL LAW

The employment relationship is one which affects us all, and in the light of recent legislative changes to industrial and employment law, will continue to have a profound effect on both our own lives and the lives of those with whom we come into professional contact. The study of Australian industrial law will draw on your knowledge of contract, tort and constitutional law and introduce the legislative and common law bases by which industrial relations are conducted in this country.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP, EXT **Semester:** 1

### ► LWB309 SUCCESSION

Examines the law with respect to wills and probate and involves a study of the formalities required to execute a valid will; the intestacy provisions where someone dies without having made a will; the rights of a testator's family when they have not been named as a beneficiary in the deceased's will, as well as a detailed examination of the provisions of the Succession Act 1981 (Qld).

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 2 per week **Credit points:** 8

**Campus offered:** GP, EXT **Semester:** 2

### ► LWB313 DISCRIMINATION & EQUAL OPPORTUNITY LAW

An examination of the law and policy with respect to discrimination and equal opportunity in Australia; relevant international treaties and Australian legislation such as the Queensland Anti-Discrimination Act; the Anti-Discrimination Commission and procedures.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP, EXT **Semester:** 1

### ► LWB331 ADMINISTRATIVE LAW

Examines the law relating to judicial review of administrative action public authorities, systems of merits appeal and the law of standing in public interest litigation.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB231

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB311

**Campus offered:** GP, EXT **Semester:** 2

### ► LWB332 COMMERCIAL AND PERSONAL PROPERTY LAW

Fundamental concepts of personal property law (including possession and ownership); transfers of and dealings in personal property; protection of personal property interests; agency; bailment; sale of goods; introduction to trade practices law.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB233 OR LWB236 only

**Corequisites:** LWB233 OR LWB236 only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB303

**Campus offered:** GP, EXT **Semester:** 1

### ► LWB333 THEORIES OF LAW

Legal practice requires an understanding and appreciation of its philosophical and theoretical foundations, as these guide the policies and inform changes to law through legislative and judicial action. Understanding the major theoretical and philosophical approaches assists with the resolution of novel and difficult legal problems. The unit content imparts both knowledge based content and process based competencies that will result in independent learning outcomes. Topics covered include Natural Law, Positivism, Dworkin, Social, Economic and Historical theories of law, Legal Realism, Sociological theories of law, Critical Legal Studies, Postmodern Legal Thought, Feminist Theories of Law, Critical Race Theory, Postcolonial Legal Theory.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB305

**Campus offered:** GP, EXT **Semester:** 1

### ► LWB334 CORPORATE LAW

The basic legal principles relating to registered companies; the principle of the veil of incorporation, internal functioning of a registered company including the operation of the constitution and replaceable rules; dealings with third parties; legal rules relating to share capital, dividends and loan capital; introduction to obligations of company officers and shareholder rights. Further specialised units such as Law of Corporate Governance will be offered for students who have completed Corporate Law and wish to concen-

trate some of their studies in the corporations and commercial area.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB401

**Campus offered:** GP, EXT **Semester:** 2

### ► LWB356 ADVOCACY

Advocacy is the art of persuasion in Court and before Tribunals. This unit concentrates on developing the fundamental skills of a good advocate, namely analysis, preparation and performance. Students are required to participate in oral advocacy exercises and mock trials.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB432

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► LWB359 ADVANCED TAXATION LAW

Examines the taxation of business entities. The taxation processes for partnerships, trusts and companies will be analysed together with the implications for the taxation of individuals involved with business entities. These individuals include partners, beneficiaries, trustees and company shareholders. This unit builds on the principles developed in Introduction to Taxation law in relation to taxation of individuals in that the concepts of income, deductions, residence and so on are discussed in the context of business entities. Tax planning issues involving entities will also be critically analysed and reflected on together with the effect of the general anti-avoidance provisions in the taxation legislation. The general operation of the Goods and Services Legislation and Fringe Benefits legislation is also examined.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB364

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP, EXT **Semester:** 2

### ► LWB363 INSURANCE LAW

Insurance is the payment of a premium by one to another to cover the risk that an unidentified event should occur, upon which a payment in the insured sum shall be made. The principles of insurance law are as relevant to the insurance of supertankers to cover the possibilities of an environmental catastrophe to the insurance of everyday household risks. This course prepares students to advise insureds and insurers alike on issues such as whether a policy covers the event which has occurred and whether there are grounds upon which all or part of a claim may be refused. It considers also the manner in which the conduct of an insured may prejudice his or her right otherwise to payment under the policy and the circumstances in which an insured may upon payment of the claim stand in the shoes of the insured to recover from other parties responsible for causing the loss. In addition to principles of general insurance, the course also covers selected aspects of professional indemnity insurance, directors and officers insurance and a detailed study of the statutory framework in Queensland for compulsory third party motor vehicle insurance and workers compensation.

Any one interested in litigation should study insurance law (indeed, well over half of litigation in Queensland involves acting for or against general or statutory insurers). Insurance law is otherwise relevant to most aspects of practice.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB136 & LWB137 or equivalent

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP, EXT **Semester:** 2

### ► LWB364 INTRODUCTION TO TAXATION LAW

Examines the principles relating to the powers of the Australian government to impose income tax. This includes concepts of residence of individual tax payers for taxation purposes and source of income. Students will then consider the distinction between income and capital as this relates to the imposition of income tax and the concept of deductions as a means of reducing taxable in-

come. Taxation of capital gains particularly as this relates to a taxpayer's main residence, deceased estates and general transfers of assets is discussed in detail. The other major topic is a critical analysis of the need for the general anti-tax avoidance provisions and how they apply.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP, EXT **Semester:** 1

► **LWB366 LAW OF COMMERCIAL ENTITIES**

The legal principles pertaining to a number of different structures found in commercial life. A brief consideration of corporations; more detailed examination of partnerships, unit trusts, joint ventures incorporated associations. A consideration is given to the definition of these structures, relationship with third parties, relationship of members inter se. This unit can be completed before or in conjunction with Corporate Law (LWB334).

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP, EXT **Semester:** 1

► **LWB406 FUNDAMENTALS OF PUBLIC INTERNATIONAL LAW**

The legal rules which govern the activities of nations and the regulation of the activities of nations by international organisations, such as the UN. The creation of international law and its sources: treaties, customary law, general principles of law. The concept of international legal personality: statehood, self-determination, recognition. The effects of international law: sovereignty, international responsibility. The law of armed conflict.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 2 per week **Credit points:** 12  
**Campus offered:** GP, EXT **Semester:** 2

► **LWB410 COMPETITION LAW**

An overview of the anti-competitive practices which are proscribed by Part IV and Part XIB of the Trade Practices Act 1974 (Cth). It will also deal with the remedies available for contraventions of Part IV and the possibility of obtaining authorisation from the Australian Competition and Consumer Commission. The access provisions of Part III A and Part XIC will also be considered.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 2 per week **Credit points:** 12  
**Campus offered:** GP, EXT **Semester:** 2

► **LWB412 RESEARCH AND WRITING PROJECT**

A supervised piece of research on a legal topic, and the writing of a paper of approximately 6500 words on that topic. A student wishing to undertake the Research and Writing Project should discuss the matter as early as possible in the semester immediately before that in which he or she proposes to undertake it, preferably with the proposed supervisor of the student's own choosing. The written proposal must be approved by the proposed supervisor and must reach the Unit Coordinator, presently Associate Professor Phillip Tahmindjis, at least two weeks before the beginning of the teaching semester in which the project is undertaken so that the student can be notified of the acceptance or refusal of the proposal not later than the first day of that semester. This project offers an ideal opportunity for students to prepare topics of academic or career-related interest, and to produce an item of writing which might assist in scholarship, postgraduate and career-related applications.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** Completion of 192 credit points of law units

**Credit points:** 12  
**Campus offered:** GP **Semester:** 1, 2

► **LWB413 QUEENSLAND PARLIAMENTARY INTERNSHIP PROGRAM**

This unit provides an opportunity for students to learn about the workings of the Queensland Parliament and undertake a piece of research of interest and use to a member or senior officer of Parliament. Places are limited and preference will be given to students with a good academic record. This unit is able to be undertaken in semester 2, and intending students should contact the Unit Coordinator in May of each year. Places are generally available only to students in their final year of study who have achieved a grade point average of at least 5.2 or have demonstrated other evidence of capacity for research and report writing.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** Completion of 192 credit points of law units

**Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **LWB417 MOOTS**

The aim of this unit is to give students a broad understanding and development of oral and written arguments and persuasive speaking, and an ability to apply these skills in a courtroom context. Additionally, students will become competent in electronic courtroom software.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** Completion of 1st & 2nd yr core

**Credit points:** 12  
**Campus offered:** GP **Semester:** 1, 2

► **LWB418 COMPETITION MOOTS 1**

Competition Mooting is a challenging area of legal education. If you have completed the core units in first and second year, enjoy working under pressure and have participated in at least one moot as counsel, you may apply when applications are called for. Places are very limited, but if you are successful, you will be able to take your skills to the national and international arena, and experience mooting at the highest level. International and national moots require significant preparation and attention to detail, with a very high level of commitment, research, writing and discipline knowledge. Because of the timetabling of international moots throughout the year, you may be required to work on your competition moot from November to February. The number of competition moots offered will vary from year because of the high demand participation places on Law School resources.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** Completion of all 1st and 2nd year core law units plus participation in at least one Law School moot

**Credit points:** 12  
**Campus offered:** GP **Semester:** 1, 2

► **LWB419 COMPETITION MOOTS 2**

This unit will allow a student to build on the skills they have learnt in LWB418 to give them a higher level of understanding of oral and written argument and persuasive speaking, and an ability to apply these skills in an international competitive context.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB418

**Credit points:** 12  
**Campus offered:** GP **Semester:** 1, 2

► **LWB420 INTERNSHIP**

The aim of this unit, to be ideally undertaken in the later years of the LLB course, is to provide an opportunity for students to work in a functioning workplace environment with a broad public law focus and to enable students to engage in practical tasks, that require demonstration of legal analysis critical reflection and appropriate communication skills.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** Completion of 192 credit points of law units

**Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **LWB431 CIVIL PROCEDURE**

This core unit focuses on developing basic litigation skills. The following issues are examined: the adversarial system and alternative methods of dispute resolution, obligations to the client, the structures and processes of litigation conducted in the Supreme, District and Magistrates Courts, jurisdiction, originating process, notice of intention to defend, parties, service, ending proceedings early, pleading, disclosure, subpoenas, trial, appeals, costs and enforcement.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** LWB404  
**Campus offered:** GP, EXT **Semester:** 1

► **LWB432 EVIDENCE**

The law of Evidence concerns those rules and principles which govern the presentation and proof of facts and information in court proceedings, both civil and criminal. The unit covers both State and Federal jurisdictions.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** LWB402

**Campus offered:** GP, EXT **Semester:** 1, 2

► **LWB433 PROFESSIONAL RESPONSIBILITY**

The ethical principles upon which the practice of all professions is based; the principles which underpin the discipline of law and the workings of the legal profession; the history, nature, organisation and operation of the legal profession; including codes of conduct, trust accounts and professional legal ethics.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP, EXT **Semester:** 2

► **LWB434 ADVANCED RESEARCH AND LEGAL REASONING**

Advanced skills of legal research, analysis, problem-solving, critical thinking, and writing for diverse purposes; topical developments in substantive areas of law.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB143 or equivalent, LWB333

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** LWB415  
**Campus offered:** GP, EXT **Semester:** 1

► **LWB451 ALTERNATIVE DISPUTE RESOLUTION**

Heralded as the new Equity, alternative dispute resolution processes, particularly mediation, are being utilised by all courts and most administrative tribunals to reduce the complexity, time and cost of adversarial dispute resolution. A knowledge of these processes and skills is therefore desirable, if not essential, for all legal practitioners. This unit builds on negotiation skills modules developed in first and second year core units and introduces the theory and skills of mediation.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP, EXT **Semester:** 1, 2

► **LWB456 LEGAL CLINIC (ORGANISED PROGRAM)**

Students are provided with the opportunity to see law in action through being involved in the delivery of legal services to members of the community under the umbrella of Legal Aid Queensland, the Prisoners Legal Service Inc or the Aboriginal and Torres Strait Islander Corporation (QEA) for Legal Services. Students work in their placement is supplemented with a weekly seminar program which deals with such topics as legal interviewing, family and criminal law practice, professionalism and legal writing. This unit has a quota limit.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Credit points:** 12  
**Campus offered:** GP **Semester:** 2

## UNIT SYNOPSES

### ► LWB480 MEDIA LAW

This unit examines the regulation and non-regulation of freedom of speech exercised by the media. In this regard various limitations imposed by the common law, statute and self-regulation will be examined, such as defamation, restrictions on reporting courts and politics, contempt, privacy and confidentiality.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB138, LWB139 or equivalent

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP, EXT **Semester:** 2

### ► LWB482 INTERNET LAW

It is vital for any participant in the digital age to gain a thorough knowledge of the structure, governance and regulation of the Internet, digital intellectual property, and risk management strategies for stakeholders.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** Intensive offering

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► LWB483 MEDICO-LEGAL ISSUES

Considers the regulation of health care as well as the relationship between the individual and the health care provider in terms of consent to treatment; negligence; the impact of the criminal law; abortion, removal from life support systems; mental illness; medical records and evidence; ownership and confidentiality of records; the duty to treat; complaints against hospitals and health care workers.

**Courses:** IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

**Prerequisites:** LWB133 or equivalent

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP, EXT **Semester:** 2

### ► LWB484 ELECTRONIC COMMERCE AND TECHNOLOGY CONTRACTS

This unit will allow a student to: examine and critique the law relating to electronic commerce and technology contracts; gain an awareness of the essential clauses in computer system acquisition agreements; understand essential clauses in software development, licensing and distribution agreements; appreciate civil and criminal liability and risk management strategies; and develop a focus of critique about the underlying design, content, and practice of electronic commerce.

**Courses:** LW33, LW42, IF07, IF10, IF35, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** GP, EXT **Semester:** 2

### ► LWB485 ENVIRONMENTAL LAW

An introduction to environmental law in Queensland; the sources, nature and development of environmental law in Queensland; the concepts of environmental law (for example property, administrative control, law and policy, planning, management); access to the environment; planning to prevent environment degradation and pollution; protecting the environment; managing the environment; conservation; ecologically sustainable development; enforcement of environmental law; the role of the Commonwealth.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 2 per week **Credit points:** 12  
**Campus offered:** GP, EXT **Semester:** 1

### ► LWB486 INTELLECTUAL PROPERTY LAW

This elective unit provides an introduction to the most significant of the legislative enactments creating or protecting intellectual property in Australia, including those governing copyright, designs, patents and trade marks. It also considers the application of relevant common law, particularly confidential information and passing off.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP, EXT **Semester:** 2

### ► LWB492 SECURITIES

Examines security interests commonly taken by providers of credit when advancing money. One

of the more common securities obtained by lenders in practice is a mortgage over real property. Given the practical importance of this as a form of security, the nature of a Torrens title mortgage, the rights of the mortgagor and enforcement options of the mortgagee are examined for the first half of the course. Other securities examined are guarantees, bills of sale over personal property and possessory liens. Because the Consumer Credit Code regulates most transactions involving the provision of consumer credit, the impact of this legislation on securities will also be examined. Various provisions of the Trade Practices Act 1974 as they affect the validity and operation of securities will also be considered.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB233 or equivalent

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP, EXT **Semester:** 2

### ► LWN022 BANKING AND FINANCE LAW

Topics include: the new regulatory scheme imposed by the Financial Services Reform Act 2001 (Cth) and the Australian Securities and Investments Commission Act 2001 (Cth); the commercial use of bills of exchange; statutory protection of financial institutions in relation to the payment and collection of cheques; the operation of bank accounts and payment mechanisms such as electronic funds transfers; select issues arising out of the banker-customer relationship: the banker's right of set-off, liens, combination of accounts, charge backs, appropriation of payments, the effect of orders for the redirection of debts and Mareva orders on financial institutions; and alternative dispute resolution under the revised Code of Banking Practice.

**Courses:** LW51, LW60

**Contact hours:** 2 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

### ► LWN025 RESEARCH PROJECT 1A

A supervised research project of about 10000 words over one semester approved by the Teaching, Learning and Curriculum Committee. Students should refer to the relevant course rules for the maximum credit point limit of Research Project units allowed to be undertaken as part of their course.

**Courses:** LW51, LW60 **Credit points:** 12  
**Campus offered:** GP, EXT **Semester:** 1, 2, 3

### ► LWN026 RESEARCH PROJECT 2A

A supervised research project of about 20000 words over one semester approved by a working party of the Law Faculty Teaching, Learning and Curriculum Committee. Students should refer to the relevant course rules for the maximum credit point limit of Research Project units allowed to be undertaken as part of their course.

**Courses:** LW51, LW60 **Credit points:** 24  
**Campus offered:** GP, EXT **Semester:** 1, 2

### ► LWN030 DISPUTE RESOLUTION/MEDIATION

A study of dispute resolution processes and in particular, mediation, looking at both the theory and practice. Students are expected to be involved in a number of class workshops to learn mediation skills. Issues include: mediation in Australia; theories of mediation; different forms of mediation, ie neighbourhood, family, commercial; the advantages and disadvantages of mediation; power imbalance; when mediation is not appropriate; ethical and professional issues relating to mediation.

**Courses:** LW50, LW51, LW60

**Contact hours:** 26 **Credit points:** 12  
**Campus offered:** GP

### ► LWN046 ADVANCED PLANNING LAW

A detailed study of town planning law with special emphasis on relevant Queensland legislation in particular the Integrated Planning Act 1997 and Regulations, and Legislation relevant to major/significant development projects. Particular emphasis will be placed on the integrated development assessment system, both transitionally and under full IDAS. Topics considered will include: Ecological Sustainability; Development; Application Stage; Information and Referral Stage; Notification Stage; Decision Stage; Minis-

terial IDAS Powers; Appeal Process; Integration with the Environmental Protection Act 1994, the Building Act 1975, the Transport Infrastructure Act 1994, the Vegetation Management Act 1999, the Water Act 2000, and other legislation to be integrated into IPA.

**Courses:** LW51, LW60

**Contact hours:** 2 per week **Credit points:** 12  
**Campus offered:** GP, EXT **Semester:** 1

### ► LWN047 LEGAL EDUCATION

This unit involves an introduction to the main schools of thought on legal education. A review of legal education from an historical and socio-political perspective together with consideration of the implications on legal education of schools of contemporary thought such as feminist legal theory will be made. The unit analyses the learning process and considers student approaches to learning, adult learning theory and learning styles; and a variety of teaching styles/techniques and the appropriateness and effectiveness of each. Consideration will be given to the matching of learning styles with teaching methods and the validity and effectiveness of such an approach, together with the role and implementation of training needs analyses and goal setting. The elements of objectives and aims and how to set them with a view to designing a teaching/training program will be analysed. Consideration will be given to the means of evaluating teaching/training effectiveness and the needs of adult learners.

**Courses:** LW51, LW60

**Contact hours:** 26 total **Credit points:** 12  
**Campus offered:** GP

### ► LWN048 ADVANCED LEGAL RESEARCH

The unit deals with the concepts, techniques, aims and methods of legal research and other research relevant to an interdisciplinary perspective. It includes extensive training in finding source material, the use of advanced technology in locating and organising source materials. The unit also deals at length with the presentation and defence of research including the respective roles of researcher and supervisor, structuring research material in support of a thesis, the diagnosis and remedy of structural problems. It deals with the conventions of presentation, assessment of research in terms of the differing criteria for refereeing and judging worth and quality and ethics of research. Different research objectives will be considered for attention, for example research in government or for law reform.

**Courses:** LW51, LW60

**Contact hours:** 26 over 5 days

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► LWN049 INTERNATIONAL ENVIRONMENTAL LAW

The development of international environmental law; its fundamental principles and rules; the creation of international environmental law; implementation and enforcement of international environmental law; international dispute resolution in the environmental field; current issues for international environmental lawyers including climate change, biodiversity and world heritage.

**Courses:** LW51, LW60

**Contact hours:** 2 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► LWN050 RESTRICTIVE TRADE PRACTICES LAW

Concerned with an analysis of those sections of the Trade Practices Act 1974 (Cth) dealing with the regulation of anti-competitive conduct and the regulation of access to services that are essential to compete in upstream and downstream markets. The main emphasis will be on the regulation of anti-competitive conduct including, anti-competitive horizontal agreements, horizontal joint ventures, horizontal mergers, exclusive dealing, resale price maintenance, intellectual property licences, franchising and taking advantage of market power. After considering the substantive prohibitions, the final part of the unit is concerned with remedies and defences and the role played by the Australian Competition and

## UNIT SYNOPSES

Consumer Commission, the Australian Competition Tribunal and the Courts.

**Courses:** LW51, LW60

**Contact hours:** 2 per week **Credit points:** 12

**Campus offered:** GP, EXT **Semester:** 2

### ► LWN051 CONSUMER PROTECTION AND PRODUCT LIABILITY

This unit is divided into two main parts. The first part considers the statutory and common law actions which are available to protect consumers from misleading or deceptive conduct and unfair marketing practices. Emphasis is given to the role played by the Trade Practices Act in relation to conveyancing and land transactions, financial services and advertising. Unconscionable conduct is also considered. The second part of the unit is concerned with statutory and common law actions available when loss or damage is suffered as a result of defective products. Remedies and defences are considered throughout the course.

**Courses:** LW51, LW60

**Contact hours:** 2 per week **Credit points:** 12

**Campus offered:** GP, EXT

### ► LWN053 RESEARCH PROJECT 1B

See LWN025.

**Courses:** LW51, LW60

**Prerequisites:** LWN025 **Credit points:** 12

**Campus offered:** GP, EXT **Semester:** 1, 2, 3

### ► LWN056 RESEARCH PROJECT 1C

See LWN025.

**Courses:** LW51, LW60

**Prerequisites:** LWN025, LWN053

**Credit points:** 12

**Campus offered:** GP, EXT **Semester:** 1, 2, 3

### ► LWN057 RESEARCH PROJECT 1D

See LWN025.

**Courses:** LW51, LW60

**Prerequisites:** LWN025, LWN053, LWN056

**Credit points:** 12

**Campus offered:** GP, EXT **Semester:** 1, 2, 3

### ► LWN058 RESEARCH PROJECT 2B

See LWN026.

**Courses:** LW51, LW60

**Prerequisites:** LWN026 **Credit points:** 24

**Campus offered:** GP, EXT **Semester:** 1, 2

### ► LWN060 ENVIRONMENTAL LEGAL SYSTEM

Analysis of the principles and concepts of environmental law in Queensland; understanding of the law in Queensland for the protection and conservation of the environment; examination of the way in which the law accommodates private interests and the public interest. Included are pollution control, environmental impact assessment, environmental management, conservation of the natural and cultural environments.

**Courses:** LW51, LW60

**Contact hours:** 26 over 5 days

**Credit points:** 12 **Campus offered:** GP

### ► LWN061 NATURAL RESOURCES LAW

The principles and concepts of natural resources law in Queensland dealing with the ownership and control of natural resources, providing access to these resources, controlling the operational side of the development of these resources, and recognising commercial structures for achieving these operational objectives; an assessment of a number of developed and evolving mechanisms for achieving these objectives such as policy objectives, management plans, incentives and inducements, market instruments and property rights. Examples include land, water and fisheries.

**Courses:** LW51, LW60

**Contact hours:** 2 per week **Credit points:** 12

**Incompatible with:** LWN014, LWN027

**Semester:** 2

### ► LWN062 FEDERAL ENVIRONMENTAL LAW

History of Commonwealth involvement in environmental management; the Inter-Governmental Agreement of 1992; relevant paragraphs of s. 51 of the Constitution; judicial interpretation of the paragraphs; impact of ss 90, 92 and 109 of the Constitution; federal legislation dealing with offshore development, marine environment protection, environmental impact assessment, national estate, wildlife conservation, Great Barrier

Reef, hazardous waste and industrial chemicals, world heritage, ozone protection, ecologically sustainable development, climate changes, and biological diversity.

**Courses:** LW51, LW60

**Contact hours:** 2 per week **Credit points:** 12

**Campus offered:** GP

### ► LWN063 COMPARATIVE ENVIRONMENTAL LAW

The principles of environmental regulation in other jurisdictions and the range of policy and legal instruments being utilised to achieve environmental objectives; jurisdictions include European countries such as the United Kingdom and Greece, the European Union, South Africa, India, New Zealand and the USA.

**Courses:** LW51, LW60

**Contact hours:** 26 over 5 days

**Credit points:** 12 **Campus offered:** GP

### ► LWN065 CONSTRUCTION AND ENGINEERING LAW

Standard contracts used in the Australian construction and engineering industries and the legal issues confronting users of these documents; the law of contract and legislation as it applies to the construction and engineering industries at an advanced level; issues of drafting in relation to the relevant standard forms.

**Courses:** LW50, LW51, LW60

**Contact hours:** 2 per week **Credit points:** 12

**Campus offered:** GP

### ► LWN083 ESTATE PLANNING

This unit considers estate planning from three perspectives: estate growth/wealth creation, estate protection from exigencies such as death, disablement and bankruptcy and estate distribution, either inter vivos or on death. Strategies employed and issues to be considered within each of these elements will be covered and the inter-relationship between each element will also be highlighted.

**Courses:** LW50, LW51, LW60

**Contact hours:** 2 per week **Credit points:** 12

**Campus offered:** GP

### ► LWN087 CONTEMPORARY ISSUES IN TORTS

Advanced level study of contemporary issues in torts enables a detailed consideration of selected matters at a time of change in this area of the law. The practical, theoretical and comparative analysis of the selected issues will extend understanding of this fundamental and significant part of general legal practice.

**Courses:** LW51, LW60

**Contact hours:** 26 **Credit points:** 12

**Campus offered:** GP

### ► LWN093 BORROWERS AND SECURED LENDERS - SELECT ISSUES

Considers topical issues in the area of secured lending both from the perspective of the borrower and the lender. Seminars will focus on issues arising from the execution of typical securities such as real property mortgages and guarantees, both personal and corporate, together with remedies of secured lenders and possible defences of borrowers. The focus of this unit is on current issues reflecting developments in statutory and case law in Australia impacting on borrower's rights and the practices and procedures of secured lenders.

**Courses:** LW51, LW60

**Contact hours:** 2 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► LWN094 ENERGY LAW

Natural resources law and its related subject environmental law have become significant areas of professional legal practice over the last decade or so. One of the particular areas of natural resources law for these purposes is energy law. Energy law is the law relating to the ownership, use, development and control of those natural resources which are used to produce energy for the benefit of the community. Areas covered in this unit include: the sources and history of energy law; the principles and concepts underlying energy law; the common law rules of ownership of sources of energy; statutory ownership of sources of energy; how the law regulates access to sources of energy; how the law controls the

development of sources of energy; how the law regulates and controls the production of energy; how the law controls the distribution of energy; how the law provides for the use of energy by the community; public sector structures for developing sources of energy; private sector structures for developing sources of energy; the relevant sources of energy include coal, liquid hydrocarbons, gaseous hydrocarbons, and water and for this purpose energy includes gas and electricity.

**Courses:** LW51, LW60

**Contact hours:** 2 per week **Credit points:** 12

**Campus offered:** GP

### ► LWN095 NATIVE TITLE LAW, POLICY AND PRACTICE

Examines the legal dimensions of native title from a range of perspectives. Native title is one of the most significant and topical areas of the law affecting the public and private sectors. This course covers theoretical and practical dimensions of the topic of native title, including: international dimensions, comparative perspectives, elements of native title and its federal and state regulation; implications for stakeholders in the public and private sectors; policy issues; and practical steps for advisers.

**Courses:** LW51, LW60

**Contact hours:** 2 per week **Credit points:** 12

**Campus offered:** GP

### ► LWN097 CORPORATE INSOLVENCY

Considers topics of commercial interest relevant to corporate insolvency. It concentrates on advanced areas pertinent to liquidation, receivers and other controllers, and voluntary administration in Australia. In particular, seminars will focus on issues likely to arise in practice, including problems associated with statutory demands, termination of deeds of arrangement, and insurer funding of litigation.

**Courses:** LW51, LW60

**Contact hours:** 26 hours over 4 days

**Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► LWN099 INTELLECTUAL PROPERTY LAW

A study of the concept of Intellectual Property and the principles and policies of intellectual property law. Topics covered include: copyright, designs, patents, innovation patents, trade marks, passing off, breach of confidence.

**Courses:** LW51, LW60

**Contact hours:** 26 over four days

**Credit points:** 12 **Campus offered:** GP

### ► LWN100 HONOURS DISSERTATION

A dissertation by students enrolled in the Master of Laws by Coursework who have completed 96 credit points. Limited to students with a GPA of 6 or higher. The dissertation is between 20000 and 30000 words in length.

**Courses:** LW51

**Credit points:** 48

**Campus offered:** GP, EXT **Semester:** 1, 2

### ► LWN111 PUBLIC LAW AND GOVERNMENT COMMERCIAL ACTIVITY

Examines the reach of public law remedies in the field of commercial activities in which government agencies are involved. Areas covered include corporatisation, out sourcing and privatisation.

**Courses:** LW51, LW60

**Contact hours:** 2 per week **Credit points:** 12

**Campus offered:** GP, EXT **Semester:** 2

### ► LWN113 LAW OF GUARANTEES

Guarantees are an important area of practice for commercial lawyers as a substantial proportion of large commercial transactions involve the giving of guarantees. Guarantees are also significant for consumer finance. This unit will consider formation and validity, including comparison with other contracts; factors affecting validity, including disclosure, misrepresentation, mistake, unconscionable conduct, undue influence, s.51AB Trade Practices Act (Cth), s.70 Consumer Code; obligations of solicitor; liability, including principle of co-extensiveness and rules of construction; discharge of guarantee, including discharge by the determination of the principal transaction and discharge by reason of the

## UNIT SYNOPSES

creditor's conduct; termination, the enforcement of the guarantee; rights of the guarantor; guarantees in international trade.

**Courses:** LW51, LW60

**Contact hours:** 2 per week   **Credit points:** 12  
**Campus offered:** GP

### ► LWN117 LEGAL REGULATION OF THE INTERNET

This unit studies the law as it relates to the Internet; both existing legal principles being applied in the online environment and new law created due to the nature of the online environment, so called cyberlaw. A knowledge of cyberlaw is important in most areas of legal practice and particularly so in banking, intellectual property, litigation and media. This unit focuses on various Internet related topics and discusses and examines recent developments, in terms of case law, legislation and policy, in Australia and internationally. The broad areas covered in this unit include: an introduction to legal issues relating to the Internet and methods of regulation; creation and operation of websites; jurisdictional issues on the world wide web; liability of online service providers; content regulation; privacy; intellectual property issues (eg copyright and databases); domain names and methods of domain name dispute resolution; cybercrime and spamming; patenting electronic commerce; contracting on the Internet.

**Courses:** LW51, LW60

**Contact hours:** 2 per week   **Credit points:** 12  
**Campus offered:** GP                   **Semester:** 2

### ► LWN119 EMPLOYMENT LAW

Employment law is a foundation unit that allows students to survey at an advanced level the sources, components and relationships of employment law in Australia. Successful completion of this unit will provide students with the necessary background to continue on to undertake further advanced courses in more specialised areas of labour law, including public sector employment law and the law of trade unions.

**Courses:** LW50, LW51, LW60

**Contact hours:** 26                   **Credit points:** 12  
**Campus offered:** GP

### ► LWN120 SELECT ISSUES IN MEDIA LAW AND POLICY

This unit examines the concept of freedom of speech as exercised by the media and selected limitations on that freedom imposed by the common law and statute, limitations imposed upon media institutions represented by broadcasting law, and policy and legal issues affecting the functioning of the online media environment.

**Courses:** LW50, LW51, LW60

**Contact hours:** 2 per week   **Credit points:** 12  
**Campus offered:** GP

### ► LWN122 COMMERCIAL LEASES

The principles governing standard clauses of a modern Australian commercial lease in the light of recent case law and Queensland statutory provisions affecting such interests. Topics include: negotiation of leases, covenants for repair, user, assignment, quiet possession, options to renew and purchase, the phenomenon of default, remedies of lessor and lessee including those under the Trade Practices Act 1974, and retail shop leases in Queensland generally.

**Courses:** LW51, LW60

**Contact hours:** 2 per week   **Credit points:** 12  
**Campus offered:** GP                   **Semester:** 1

### ► LWN124 CONTEMPORARY FAMILY ISSUES

This unit will examine a number of complex issues which can and do confront families from time to time. The first part of the unit examines those legal principles concerned with the break down of de facto relationships and the distribution of property between partners. The laws on issues such as surrogacy arrangements, access to reproductive technology, abortion, adoption and enduring powers of attorney will be considered as well as the law relating to Australia's international obligations and the various ethical and social perspectives which impact on these issues. The criminal and quasi-criminal law also impact on aspects of family dynamics and, in this context, issues of domestic violence and stalking

will be examined. This unit facilitates a detailed consideration of these matters by practitioners wishing to expand their existing knowledge of the areas covered, as well as others wishing to consider the impact of these issues in and on society.

**Courses:** LW51, LW60                   **Contact hours:** 26  
**Credit points:** 12   **Incompatible with:** LWN003  
**Campus offered:** GP

### ► LWN125 ELECTRONIC COMMERCE LAW

This unit will consider the following topics: introduction to electronic commerce; contractual issues; electronic signatures; electronic monies; certification authorities; cyberbanking; payment mechanisms; taxation; and other legal issues in relation to legal requirements for information, including electronic information, time and place of dispatch and receipt of electronic communications and other issues.

**Courses:** LW50, LW51, LW60

**Contact hours:** Intensive  
**Credit points:** 12                   **Campus offered:** GP

### ► LWN127 ADVANCED INSURANCE LAW I

The unit will cover the nature and definition of insurance, utmost good faith, formation of contract, proposals, etc; scope of Insurance Contracts Act 1984 (Cth), non-disclosure and misrepresentation, brokers and agents; Insurance (Agents and Brokers) Act 1984 (Cth), or Financial Services Reform Act 2001 (Cth) if appropriate, third parties' rights and obligations; Section 54 Insurance Contracts Act.

**Courses:** LW51, LW60

**Contact hours:** 2 per week   **Credit points:** 12  
**Campus offered:** GP                   **Semester:** 1

### ► LWN129 CONTEMPORARY ISSUES IN SENTENCING LAW

This unit examines and critically evaluates the sources of current sentencing law in contemporary Australia, both at a theoretical and practical level. Specific issues which have arisen in this area are explored in detail, in order to build an integrated understanding of the discipline area as a whole. Topics include: sentencing rationales including the theories of punishment; the sentencing process including the roles that each party plays within the system (including victims); judicial discretion and sentencing, including recent trends to curb discretion; the role of public opinion and the media; and restorative justice.

**Courses:** LW51, LW60, JS51

**Contact hours:** 26                   **Credit points:** 12  
**Campus offered:** GP

### ► LWN131 QUEENSLAND STATE LANDS: LAW AND PRACTICE

As the unit examines a unique system of land tenures and dealings which is not studied in any great depth at undergraduate level, the focus of the unit will be on the current legislative scheme and current policies relating to non-freehold land in Queensland; contemporary issues within the context of the prevailing legislative and policy frameworks; and the development of generic skills including research skills and critical evaluation skills that may be applied in other areas of study.

**Courses:** LW50, LW60

**Contact hours:** 2 per week   **Credit points:** 12  
**Campus offered:** GP, EXT                   **Semester:** 1

### ► LWN134 REPRESENTATIVE ACTIONS

This course is designed to provide students with a complete examination on the law relating to Representative Actions in Australia. A significant focus of the unit are the legal requirements of commonality and similarity which are preconditions to the maintenance of such an action. However practical issues encountered in representative action litigation such as pleading, opt-out, costs and notification procedures and the conduct of a representative action are also examined. The unit also deals with the interface between the traditional rules as to compromise and security for costs and the special rules that apply to representative actions. Finally recent developments and law reform proposals concerning group litigation in Australia are considered.

**Courses:** LW50, LW51, LW60

**Contact hours:** 26                   **Credit points:** 12  
**Campus offered:** GP

### ► LWN135 LAW, JUSTICE AND NEW GENETIC TECHNOLOGIES

Our ability to test, screen and manipulate the human genome is made possible by recent technological breakthroughs in science. The science of genetics is not new, but its public profile has never been higher. Current initiatives in genetic knowledge have been described as an international voyage of scientific discovery. The scientific findings are prompting major rethinking of concepts of law and justice. The legal community faces a perpetual challenge in keeping pace of the revolution in genetics. This unit looks at some legal implications of this revolution and charts the major responses of our legal system to modern genetics and biotechnology. The rationale for this unit is that it is clear that lawyers of the next century will feel the impact of genetics across the broad sweep of their practice, in areas including criminal justice, human rights and intellectual property. Correspondingly, scientists of the next century will feel the impact of the law across their discoveries. All justice related professionals will benefit from advanced knowledge of the increasingly complex dimensions to the interaction between law and the modern genetics genie.

**Courses:** LW50, LW51, LW60

**Contact hours:** 2 per week   **Credit points:** 12  
**Campus offered:** GP

### ► LWN138 COMPARATIVE CULTURAL HERITAGE LAW

An examination of the concepts of culture and cultural heritage; the international law framework within which cultural heritage is managed and protected; an analysis of the ways in which a number of national jurisdictions approach the conservation of their cultural heritage. These include the USA., UK, the European Union, South Africa, China, New Japan, Malaysia, Zealand and Australia. The focus of the unit is upon cultural heritage values associated with land and land-related resources.

**Courses:** LW51, LW60

**Contact hours:** 2 per week   **Credit points:** 12  
**Campus offered:** GP

### ► LWN139 PRIVACY LAW

This unit covers an introduction to the concept of privacy, including both the historical development of privacy rights and the operation and implication of state and federal legislation and international obligations; detailed consideration of the Commonwealth private sector regime; consideration of the impact of privacy law on specific fields of practice such as health, employment, not-for-profit and banking/finance/insurance; issues relating to the internet; compliance and code development; international regimes.

**Courses:** LW51, LW60

**Contact hours:** Intensive  
**Credit points:** 12                   **Campus offered:** GP

### ► LWN141 WOMEN AND THE AUSTRALIAN LEGAL SYSTEM

The primary aim of this unit is to provide students with an alternative perspective on the legal system, particularly in relation to the experience of women in both the criminal and civil justice areas. In this unit you will acquire an understanding of how the legal process affects women and be able to critically analyse substantive laws having regard to their failure to embody women's experiences in both the civil and criminal justice systems.

**Courses:** JS51, LW51, LW60

**Contact hours:** 26 hours   **Credit points:** 12  
**Semester:** 1

### ► LWN142 EAST ASIAN LEGAL SYSTEMS

Because a country's legal system cannot be adequately understood by just discussing law in books, the aim of this unit is to introduce you to factors that shape a country's legal system such as its history, political systems, culture and language. It also examines key features of the constitutions of the countries and particular aspects



## UNIT SYNOPSES

of the legal system, which are unique or different from other countries.

**Courses:** LW51, LW60

**Contact hours:** 26 hours over 6 days

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► LWN143 INTERNATIONAL CRIMINAL JUSTICE

This subject covers one of the most significant and topical developments in international law and human rights today – the question of the international community's response to perpetrators who are responsible for gross violations of human rights. Accountability mechanisms, such as international and national criminal courts, Truth Commissions and extradition arrangements between nations have become more prominent in the last decade, and it is clearly the role of a Law Faculty to discuss and evaluate these developments. The unit will discuss and apply principles of international criminal law within a human rights and international legal framework, making it very useful for students interested or involved in careers relating to criminal law, human rights, international law and/or any related area.

**Courses:** LW51, LW60

**Contact hours:** 26 hours over 5 days

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► LWN144 CONTEMPORARY ISSUES IN CHILD LAW

This unit introduces you to selected contemporary legal issues affecting children in Australia. These issues present both legal and moral questions that have implications for legal practice and policy development. This unit gives you the opportunity to identify current legal positions about controversial issues in Australian law relating to children, and to apply advanced skills in legal research, analysis and writing to critically evaluate those positions.

**Courses:** LW51, LW60

**Contact hours:** 2 per week **Credit points:** 12

**Campus offered:** GP, EXT

**Semester:** 2

### ► LWN145 CORPORATE AND INVESTMENT REGULATION

Regulation is no longer solely a government issue any more, Enron, HIH and One Tel have taught us it is an issue that both the private and public sectors must embrace and learn quickly. Lawyers and corporate advisers must now think outside the square and keep abreast of an ever-changing legal and corporate environment. This unit will develop a forward thinking approach to corporate and investment regulation and promote practical and analytical appraisal of the issues arising in relation to the regulation of companies and investment.

**Courses:** LW51, LW60

**Campus offered:** GP

**Semester:** 1

### ► LWN146 INTERNATIONAL INTELLECTUAL PROPERTY LAW

The unit will provide you with an introduction to international intellectual property and policy issues and their connection with European Union (EU) efforts to create an internal market with a level playing field for the protection of intellectual property. The unit will also consider diverging perspectives on topics ranging from the protection of traditional knowledge and folklore to high technology.

**Courses:** LW51, LW60

**Contact hours:** 26 hours over 5 days

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► LWN147 PATENT LAW AND COMMERCIALISATION

This unit considers patent law in the context of information technology and biotechnology products. It will overview the fundamental elements of patent law and as well as introduce you to legal issues involved in the commercialisation of information technology and biotechnology.

**Courses:** LW51, LW60

**Contact hours:** 2 per week **Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► LWR003 THESIS

A dissertation undertaken by students enrolled in LW50 Doctor of Juridical Science. The dissertation should make a notable contribution to professional knowledge and practice which may be in the form of new knowledge or significant original adaptation, application and interpretation of existing knowledge and practice.

**Courses:** LW50

**Credit points:** 24

**Campus offered:** GP, KG

**Semester:** 1, 2

### ► LWS001 MEDICINE AND THE LAW

The impact of some important fields of law upon the medical profession and upon hospital staff, patients and visitors. Introduction to law and the legal system. The Federal and State systems; general principles of the law of tort; principles of negligence; liability of hospitals; issues of consent; legal aspects of medical practice; medico-legal investigations; abortion law; euthanasia and transplantation issues.

**Courses:** PU40

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** KG

**Semester:** 2

### ► LWS006 HEALTH, ETHICS AND THE LAW

The legal issues associated with the matter of public health and an appreciation of the legal and ethical implications of the work done by health care professionals in this area. Topics include: introduction to the Australian legal system; tort law and its impact on the public health system; workplace health and safety legislation; medical records and confidentiality; criminal law and the health care profession; transplantation of organs and tissues; complaints against hospitals and health care professionals.

**Courses:** HL88, NS64, PU65, PU69

**Contact hours:** 3 per week **Credit points:** 12

**Semester:** 1

### ► LWS400 LAW OF INFORMATION TECHNOLOGY

In this unit information technology students discover the legal rights and remedies associated with electronic commerce, software development and licensing. Topics include: contemporary issues (for eg. Napster, domain name litigation, piracy, cookies, CrimeNet); copyright; patents; trade marks; circuit layouts; software licensing and development agreements (shrinkwrap licenses); electronic commerce (legal frameworks, contract formation, standard terms and conditions, web-wrap agreements, jurisdictional issues, electronic banking and payment mechanisms, online gambling, consumer protection, and taxation issues); public and private security (confidentiality, digital signatures, and privacy); civil and criminal liability on the internet; and potential risk management strategies. You will also gain a basic understanding of the Australian legal system, contract law, licensing, tort law, and trade practices law as it relates to the development and implementation of information technology.

**Courses:** IT21, IT35, IT38, IT40, IT45,

**Contact hours:** 3 per week **Credit points:** 12

**Semester:** 2

### ► MAB100 MATHEMATICAL SCIENCES 1A

Functions: polynomial, trigonometric and exponential functions; properties and graphs. Differentiation and integration: Derivatives and integrals for common functions and rules for differentiation and integration of composite functions; integration techniques such as substitution, parts and partial fractions; modelling and solution of problems. Vectors and matrices: vectors interpreted as geometric relationships in space, matrices as representations of linear systems; aspects of vector algebra and unique, non-unique and non-existent solutions to systems of simultaneous equations. Complex numbers: Argand diagrams, complex arithmetic, solution of equations.

**Courses:** BS56, ED50, ED90, IF21, IF29, IF39, IF58, IF60, IF61, IF71, IF73, IF79, IF83, IF84, IF86, IT21, PS47, PS48, SC01, SC51

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP

**Semester:** 1, 2

### ► MAB101 STATISTICAL DATA ANALYSIS 1

Collection and representation of data; explaining data with models; the normal (Gaussian) distribution; sampling distributions, properties of sample mean and sample variance; hypothesis testing re population mean, mean difference and variances, tests of independence; analysis of variance (ANOVA); aspects of design of experiments; modelling relationships between measurements using regression; extensions of regression; analysis of covariance; confidence intervals; estimating and tests of hypotheses about proportions and probabilities.

**Courses:** ED50, ED90, IF21, IF29, IF39, IF58, IF60, IF61, IF71, IF73, IF79, IF83, IF84, IF86, IF87, IT21, SC01, SC51

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** EFB101, MAB136,

MAB137, MAB138, MAB893

**Campus offered:** GP, CA **Semester:** 1, 2, 3

### ► MAB105 PREPARATORY MATHEMATICS

This unit is a substitute for Senior Mathematics B for those students who need the equivalent background for the successful study of units which assume it. Basic number facts, natural numbers, integers, rational numbers, real numbers and their operations; basic algebra; functions and equations, graphs, linear functions, equations and applications; systems of linear equations; quadratic, exponential, logarithmic and trigonometric functions, properties and applications; introduction to calculus: rates of change, derivatives, rules of differentiation, second derivatives, maxima and minima and applications; integration and applications.

**Courses:** SC01, any other appropriate course

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP, CA **Semester:** 1, 2, 3

### ► MAB107 INTRODUCTORY MATHEMATICS AND STATISTICS

Mathematics: introduction to the number system; algebraic operations. Properties of functions: representation by graphs; linear functions including simultaneous solution and applications; quadratic functions with applications; exponential and logarithmic functions with applications. Elementary trigonometric ratios with applications. Introduction to mathematics of finance. Statistics: exploration of data sets by graphical methods and descriptive statistics. Introduction to the concepts of statistical variation, samples, probability distributions and random variables. Discrete and continuous variables; types of distributions, particularly the Normal (Gaussian) distribution. Interval estimation (confidence intervals) and basic concepts underlying statistical tests of hypotheses; applying these concepts to the specific cases of tests for association, interval estimates and tests for Normal means, and introductory regression analysis.

**Courses:** CN54, any other appropriate course

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** MAB105, a prior unit in

statistics or data analysis

**Campus offered:** GP

**Semester:** 2

### ► MAB111 MATHEMATICAL SCIENCES 1B

Limits and continuity. Introduction to sequences and infinite series; divergence test; comparison test and ratio test. Product, quotient and chain rules for derivatives. Special techniques - parametric, implicit and logarithmic differentiation; inverses and their derivatives. Applications of differentiation to curve sketching. Rolles theorem, mean value theorem. Hyperbolic and trigonometric functions including inverses. L'Hopitals rule. Functions of more than one variable, partial derivatives, differentials and applications. Taylor series. Riemann sums. Fundamental theorems of integral calculus. Solids of revolution; applications.

**Courses:** BS56, ED50, ED90, IF21, IF39, IF58, IF60, IF61, IF71, IF73, IF79, IF83, IF84, IF86, SC01, SC51

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** MAB131, MAB180

**Campus offered:** GP

**Semester:** 1, 2

► **MAB112 MATHEMATICAL SCIENCES 1C**

Linear systems and matrices, vector algebra, coordinate systems; introduction to abstract algebraic systems; complex numbers; first and second order differential equations.

**Courses:** BS56, ED50, ED90, IF21, IF39, IF58, IF60, IF71, IF83, IF84, IF86, SC01, SC51  
**Corequisites:** MAB111  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1, 2

► **MAB131 ENGINEERING MATHEMATICS 1A**

Sine and cosine functions, logarithmic functions, exponential functions; revision of complex numbers; determinants; vector algebra in 2, 3 dimensions; derivatives and their applications; differentiation, chain rule, higher derivatives, integrals and their applications.

**Courses:** CE44, CE45, CE46, EE41, EE42, EE46, EE47, EE48, IF28, IF29, IF59, IF61, ME40, ME41, ME42, ME43, ME48, SC01  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** MAB111, MAB180, MAB187  
**Campus offered:** GP **Semester:** 1, 2

► **MAB132 ENGINEERING MATHEMATICS 1B**

Vector calculus: differentiation of vectors, velocity and acceleration; relative velocity; vector algebra: equivalent systems of forces; functions of several variables: partial derivatives; hyperbolic functions; inverse functions: inverse trigonometric and hyperbolic functions; partial derivatives; numerical methods; differential equations; multiple integrals: areas and volumes. Laplace transforms. Fourier series.

**Courses:** CE44, CE45, CE46, EE41, EE42, EE46, EE47, EE48, IF28, IF29, IF59, IF61, ME36, ME40, ME41, ME42, ME43, ME48, SC01  
**Prerequisites:** MAB131 or MAB180  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** MAB188  
**Campus offered:** GP **Semester:** 1, 2, 3

► **MAB133 ENGINEERING MATHEMATICS 2**

Polynomial approximations, divided differences and Newton's formula for polynomial approximation. Interpolation by cubic splines. Convergence of infinite power series. The use of Fourier series and harmonic analysis. Quadrature methods. Laplace transform methods for differential equations. Numerical solution of differential equations. Direct and indirect methods of solution of large scale systems of linear equations. Determination of eigenvalues and eigenvectors of large scale linear systems (power method, inverse iteration and acceleration of convergence techniques).

**Courses:** ME41, ME42, ME43, ME48  
**Prerequisites:** MAB132  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** MAB487, MAB488  
**Campus offered:** GP **Semester:** 1

► **MAB134 ELECTRICAL ENGINEERING MATHEMATICS 3**

Mathematics: Laplace transform; Fourier series and transforms; vector operators grad, div and curl expressed in spherical polar and cartesian coordinates; line, surface and volume integrals of electric fields; divergence theorem and Stoke's theorem; field equations. Introduction to probability and distributional modelling: conditional probability; discrete and continuous random variables; Bernoulli, binomial and Poisson processes; introduction to queues and teletraffic; estimating probabilities. Electromagnetic theory: flux density, electromagnetic induction; magnetic circuits, force and field strength; magnetic hysteresis, magnetic fields around conductors; electric fields, Coulomb's Law; voltage, energy stored in an electric field.

**Courses:** EE41, EE42, EE47, EE48, IF28, IF29, IF59, IF61, ME40, SC01  
**Prerequisites:** MAB132  
**Corequisites:** PCB136 or first level Physics unit  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **MAB135 ELECTRICAL ENGINEERING MATHEMATICS 4**

Statistics and data analysis: presenting data, use of a statistical package; normal variation and relationships between variables; confidence intervals; hypothesis testing; regression; design of experiments; introduction to reliability. Mathematics: the simultaneous partial differential equations of Maxwell; solution in terms of Hertz vectors; the three dimensional wave equation; separation of variables leading to plane and spherical wave solution. Poynting's theorem and vector. Simple loci and regions in the complex plane. Functions of a complex variable. Analytic functions; Cauchy-Riemann equations; Laplace equation, conjugate harmonic functions. Complex mapping; impedance and admittance loci, basis for Smith Chart. Electrostatic problems treated by conformal mapping.

**Courses:** EE41, EE42, EE47, EE48, IF28, IF59, ME40  
**Prerequisites:** MAB134  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **MAB136 ENGINEERING STATISTICS**

Presentation of data; use of a statistical package; modelling data; relationships between variables; estimation; confidence intervals; tolerance limits; introduction to quality and SPC; hypothesis testing; fitting and investigating relationships; regression; design and analysis of experiments; reliability; further methods and applications of design and analysis of experiments.

**Courses:** ME41, ME42, ME48  
**Prerequisites:** MAB132  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** MAB893  
**Campus offered:** GP **Semester:** 2

► **MAB137 SURVEYING MATHEMATICS 1**

Statistics: presentation of data; use of a statistical package; modelling data; relationships between variables; estimation; confidence intervals; hypothesis testing; fitting and investigating relationships; regression. Multivariate calculus: functions of several variables; definitions and uses, differentiation, multi-variable chain rule, application to error bounds. Plane Transformations: rotation, translation and scaling of the plane with application to cadastral surveying and mapping.

**Courses:** PS47, PS48  
**Prerequisites:** MAB100  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** MAB893, MAB101  
**Campus offered:** GP **Semester:** 1

► **MAB138 ENGINEERING STATISTICS AND NUMERICAL METHODS**

Presentation of data; use of a statistical package; modelling data; relationships between variables; estimation; confidence intervals; hypothesis testing; fitting and investigating relationships; regression; design of experiments; introduction to reliability; introduction to quality and SPC. Numerical methods: function approximation; polynomial interpolation, cubic splines, power series. Numerical solution of ordinary differential equations. Linear systems.

**Courses:** CE44, CE45, CE46  
**Prerequisites:** MAB132  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** MAB487, MAB893, MAB101  
**Campus offered:** GP **Semester:** 1

► **MAB139 COMPUTER ENGINEERING MATHEMATICS 3**

Revision and review of matrix algebra, solution of linear equations, numerical analysis; eigen-decomposition of matrices; Simpson's rule; Newton-Raphson method; singular value decomposition; minimisation of quadratic and Hermitian functions. Simple loci and regions in the complex plane. Functions of a complex variable. Limit, continuity, derivative; analytic functions; complex mappings; Cauchy-Riemann equations; impedance and admittance loci, basis for Smith Chart; non-linear transformations; conformal mappings. Laplace transform; Fourier series and transforms; Heaviside step function and applica-

tions. Delay theorems; periodic functions; convolution theorems; Dirac delta function. Introduction to probability and distributional modelling: conditional probability; discrete and continuous random variables; Bernoulli, binomial and Poisson processes; introduction to queues and teletraffic; estimating probabilities.

**Courses:** EE46 **Prerequisites:** MAB132  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** MAB134, MAB485  
**Campus offered:** GP **Semester:** 1

► **MAB140 QUANTITATIVE METHODS FOR OPTOMETRY AND HEALTH SCIENCE**

Linear, quadratic, power law and exponential processes; techniques of differentiation, integration and applications to health science modelling; matrices. Data situations and types of variables; summary statistics and data features; introduction to a statistical package. Modelling data: random variables and distributions; some special distributions; sampling and sample statistics. Estimation; confidence intervals. Hypothesis testing; tests for means and proportions; p-values; tests for variances; test of independence in contingency table; goodness-of-fit tests. Fitting and investigating relationships: regression; residual analysis and diagnostics; multiple regression and curve-fitting. Design of experiments. Introduction to non-parametric procedures.

**Courses:** OP42  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** MAB141, MAB251, MAB252, MAB258  
**Campus offered:** GP **Semester:** 1

► **MAB141 MATHEMATICS AND STATISTICS FOR MEDICAL SCIENCE**

Mathematics: types of functions; differentiation and integration; determination of an interpolant for discrete experimental data; Lagrange polynomial interpolation formula and cubic spline interpolation; applications; least squares applied to linear and non-linear functions; use of quadratic formula and iterative methods; numerical interpolation. Statistics: data collection and presentation; probability; binomial and Poisson distributions; hypothesis testing; confidence intervals; design of experiments; regression; control charts.

**Courses:** LS37  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** MAB140  
**Campus offered:** GP **Semester:** 1

► **MAB177 MATHEMATICS FOR DATA COMMUNICATIONS**

Provides the basic mathematical background required for the study of data communication; network structures, cryptography and network performance.

**Courses:** IT21, IT38, IT45  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1, 2

► **MAB180 ENGINEERING MATHEMATICS 1**

Sine and cosine functions, logarithmic functions, exponential functions; complex numbers; determinants; vector algebra in 2, 3 dimensions; derivatives and their applications: differentiation, chain rule, higher derivatives; integrals and their applications.

**Courses:** CE44, CE45, CE46, EE41, EE42, EE46, EE47, EE48, IF28, IF29, IF59, IF61, ME40, ME41, ME42, ME43, ME48, SC01  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** MAB111, MAB131, MAB187  
**Campus offered:** GP **Semester:** 1, 2

► **MAB210 STATISTICAL MODELLING 1**

Probability; independence, system reliability; using conditional probability in modelling; introductory Markov chains; random variables; special distributional models; Bernoulli process; Poisson process; exponential; introductory queuing processes; simulating processes; expected values and moments; distribution function; Q-Q plots; goodness-of-fit tests; measures of dependence; introductory bivariate and correlation properties; conditioning arguments; non-

parametric tests; assumptions and results in linear regression model.

**Courses:** BS56, ED50, ED90, IF21, IF39, IF58, IF60, IF71, IF83, IF84, IF86, IT21, SC01, SC51  
**Corequisites:** MAB111  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **MAB220 COMPUTATIONAL MATHEMATICS 1**

Sources of error; computer arithmetic; MAPLE programming; solution of nonlinear equations in one variable; solution of systems of linear equations; interpolation; finite differences; numerical differentiation and integration; solution of first order linear differential equations.

**Courses:** ED50, ED90, IF21, IF39, IF58, IF60, IF71, IF83, IF84, IF86, SC01, SC51  
**Corequisites:** MAB111 or MAB131 or MAB180

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1, 2

► **MAB311 ADVANCED CALCULUS**

Polar coordinates, parametric equations, conic sections, quadric surfaces, vector-valued functions. Fourier series. Functions of several variables: graphs, partial derivatives, total derivatives, extrema, Lagrange multipliers; Taylor series for multivariable functions; double and triple integrals, Green's theorems, line and surface integrals, divergence theorem, Stoke's theorem, applications.

**Courses:** ED50, ED90, IF21, IF39, IF50, IF58, IF60, IF71, IF83, IF84, IF86, SC01, SC51  
**Prerequisites:** (MAB111, MAB112) or (MAB131 or MAB180, MAB132)

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **MAB312 LINEAR ALGEBRA**

Matrix algebra, linear systems and an introduction to Maple; vector spaces; inner product spaces; eigenvalues and eigenvectors.

**Courses:** ED50, ED90, IF21, IF39, IF58, IF60, IF71, IF83, IF84, IF86, SC01, SC51  
**Prerequisites:** (MAB111, MAB112) or (MAB131 or MAB180, MAB132)

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **MAB313 MATHEMATICS OF FINANCE**

Interest rates; solution of problems in compound interest; applications of annuities; valuation of securities; quantitative techniques in business and finance.

**Courses:** ED50, ED90, IF39, IF50, IF58, IF60, IF71, IF83, IF84, IF86, SC01, SC51  
**Corequisites:** MAB111

**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** MAB173  
**Campus offered:** GP **Semester:** 1

► **MAB314 STATISTICAL MODELLING 2**

Methods and models of stochastic and statistical processes with applications in engineering, information technology, finance, physical and life sciences; Markov chains; random walks; branching processes; queueing and other birth and death processes; teletraffic; long-term process behaviour; stochastic vs deterministic; process simulation; use of generating functions; bivariate and conditional distributions; transformations; beta, gamma distributions; probability transform and applications in simulations; order statistics, minimum, maximum, range.

**Courses:** ED50, ED90, EE44, EE45, EE48, IF21, IF28, IF39, IF50, IF58, IF59, IF60, IF71, IF83, IF84, IF86, IT21, ME40, SC01, SC51  
**Prerequisites:** (MAB101, MAB210, MAB111, MAB112) or (MAB134, MAB135)

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **MAB315 OPERATIONS RESEARCH 2**

General nature of operations research; formulating, solving and analysing linear programming models; transportation, transshipment and assignment models; shortest-route problems; project scheduling techniques (CPM and PERT); replacement and maintenance.

**Courses:** ED50, IF39, IF50, IF58, IF60, IF71, IF83, IF84, IF86, IT21, SC01, SC51  
**Prerequisites:** MAB112, MAB210

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **MAB380 INTRODUCTION TO SUPERCOMPUTING**

Materials covered in this unit include; background, concepts and trends in supercomputing; Amdahl's law, speed-up and efficiency; an introduction to high level scientific development environments through the exploration of multi-disciplinary case studies from science; introduction to MATLAB in a high performance scientific computing environment; solving computationally intensive case studies using supercomputing tools and techniques.

**Courses:** IF21, IF58, IT21, SC01, SC51  
**Prerequisites:** (ITB111 or ITB410), MAB111, ITB348 or ITN410 or ITB421

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **MAB413 DIFFERENTIAL EQUATIONS**

Introduction to mathematical modelling; linear differential equations; Euler-Cauchy equation; series methods; Laplace transform; transforms of derivatives and integrals; systems of differential equations; basic theory on linear systems; solution of linear systems with constant coefficients; matrix methods; special methods.

**Courses:** IF21, IF39, IF50, IF58, IF60, IF71, IF83, IF84, IF86, SC01, SC51  
**Prerequisites:** (MAB111, MAB112) or (MAB131 or MAB180, MAB132)

**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** MAB133  
**Campus offered:** GP **Semester:** 2

► **MAB414 APPLIED STATISTICS 2**

Parametric estimation, such as maximum likelihood; estimating relationships via linear regression and linear models; analysis of the method of least squares; basic inference and model choice; introduction to time-dependent data and models; forecasting models and application; introduction to sampling methods in a practical context; models for categorical data; introduction to the design experiments; ANOVA.

**Courses:** ED50, EE44, EE45, EE48, IF21, IF28, IF39, IF50, IF58, IF59, IF60, IF71, IF83, IF84, IF86, ME40, SC01, SC51

**Prerequisites:** (MAB101, MAB111, MAB210 and recommended MAB112) or MAB893 or MAB135 or MAB136 or MAB137 or MAB138  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **MAB420 COMPUTATIONAL MATHEMATICS 2**

Direct methods for solving systems of linear equations; solution methods for special matrix systems; vector and matrix norms; iterative solution methods for large sparse matrix systems; approximating the eigenvalues and eigenvectors of a matrix.

**Courses:** IF21, IF39, IF50, IF58, IF60, IF71, IF83, IF84, IF86, SC01, SC51  
**Prerequisites:** MAB220, MAB312

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **MAB422 MATHEMATICAL MODELLING**

Models developed with the 'real world' description. These models are taken from the areas of cancer research, population growth and engineering. Emphasis is on mathematical modelling and not on the development of new mathematical content.

**Courses:** ED50, IF21, IF39, IF50, IF58, IF60, IF71, IF83, IF84, IF86, SC01, SC51  
**Prerequisites:** (MAB111, MAB112) or (MAB131 or MAB180, MAB132)

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **MAB481 VISUALISATION AND DATA ANALYSIS**

This unit covers; history and evolution of data visualisation, definition of data visualisation, impact of data visualisation; fundamentals of computer graphics and modern day visualisation environments; visualisation of 2D and 3D data; general visualisation techniques including filtering, colour map transformations, contouring,

height fields, coloured height fields, interpolation, Delauney triangulation, iso-surfaces, volume visualisation, probing, slicing, streamlines, streaklines and texture mapping; visualisation of multi-dimensional data, and other data types such as finite element, vector, molecular and scatter data.

**Courses:** IF58, IT21, SC01, SC51  
**Prerequisites:** MAB101, MAB380  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **MAB521 APPLIED MATHEMATICS 3**

Special functions: gamma, delta, Bessel and error functions, Fourier series, Legendre polynomials. Vector analysis and applications: vector algebra, vector calculus, fields, grad, div, curl, line and surface integrals, divergence theorem, Stoke's theorem, applications. Functions of a complex variable: analytic functions, contour integrals, Laurent series, residues.

**Courses:** IF21, IF39, IF44, IF50, IF58, IF60, IF71, SC01, SC51  
**Prerequisites:** MAB311

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **MAB522 COMPUTATIONAL MATHEMATICS 3**

Topics from: Approximation of data and functions; advanced integration and interpolation methods: Gaussian quadrature, multiple integrals; numerical determination of eigenvalues and eigenvectors: power method, similarity transformations, QR algorithm; solution of systems of non-linear equations: Newton's method, Broyden method, steepest descent; optimisation: line searches, introduction to multivariable optimisation; advanced solution methods for systems of ordinary differential equations and boundary value problems: Runge-Kutta, predictor-corrector, shooting and finite difference methods.

**Courses:** IF21, IF39, IF44, IF50, IF58, IF60, IF71, SC01, SC51, SC60

**Prerequisites:** MAB420, MAB311  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **MAB523 INTRODUCTION TO QUALITY MANAGEMENT**

Introduction to quality management principles and the quality improvement journey concept. Topics include quality assurance and the AS9000 series, TQM, quality costs, statistical process control, flow charts, cause and effect diagram, team decision techniques.

**Courses:** ED50, IF21, IF39, IF44, IF50, IF58, IF60, IF71, SC01, SC51

**Prerequisites:** MAB101, MAB210  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **MAB524 STATISTICAL INFERENCE**

Statistical estimation; linear models: ordinary least squares, generalised least squares, heteroscedasticity, autocorrelation; asymptotic theory: convergence in probability and distribution, weak law of large numbers, central limit theorems; maximum likelihood estimation; generalised linear models; quasi-likelihood estimation. Other topics which may be included are: multicollinearity; model selection; Bayesian estimation and Markov Chain Monte Carlo methods; nonlinear models. The computer package S-Plus is used.

**Courses:** IF21, IF39, IF44, IF50, IF58, IF60, IF71, SC01, SC51, SC60

**Prerequisites:** MAB314, MAB414  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

► **MAB525 OPERATIONS RESEARCH 3A**

Inventory theory: algorithms for linear programming; integer and mixed integer programming; travelling salesperson; vehicle routing problems; deterministic and stochastic dynamic programming.

**Courses:** IF39, IF50, IF58, IF60, IF71, IF83, IF84, IF86, SC01, SC51

**Prerequisites:** MAB315  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

## UNIT SYNOPSES

### ► MAB526 STATISTICAL SCIENCE 3

Fundamentals of time series analysis; time series models; nonstationary processes; seasonal ARIMA models; vector autoregression; long-range dependence and fractional ARIMA models; co-integration of non-stationary processes.

**Courses:** IF21, IF39, IF44, IF49, IF50, IF58, IF60, SC01, SC51, SC60

**Prerequisites:** MAB314, MAB414

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► MAB580 SCIENTIFIC COMPUTATION

Supercomputing development tools such as compiler options for parallel processing, available resources; profiling scientific algorithms to determine areas where speed-up can be obtained; optimisation of scientific models and algorithms for parallel computer architectures; a major case study from science that has elements in design, application and solution strategy in a supercomputing environment.

**Courses:** IF58, IT21, SC01, SC51

**Prerequisites:** MAB380, MAB481, and strongly recommended ITB412 or ITB113

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

### ► MAB613 PARTIAL DIFFERENTIAL EQUATIONS

Derivation of certain partial differential equations; solution of partial differential equations by separation of variables, Laplace and Fourier transforms; Sturm-Liouville systems; special functions; Green's functions.

**Courses:** IF21, IF39, IF44, IF50, IF58, IF60, SC01, SC51, SC60

**Prerequisites:** MAB311, MAB413

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► MAB621 DISCRETE MATHEMATICS

Groups, rings and fields: additive groups, multiplicative groups; polynomial rings and finite fields. Modular arithmetic: property and rules, congruencies; countability and uncountability. Proof by mathematical induction, proof by contradiction. Isomorphisms and homomorphisms between groups and rings. Sets and relations: one-to-one and onto functions, logic, set operations, Boolean algebras. Number theory issues: gcd, lcm and theorems involving these; fundamental theorem of arithmetic; arithmetic functions, primitive roots; Fermat's theorems, Euler's theorem; Pythagorean triples and extensions.

**Courses:** ED50, IF21, IF39, IF44, IF50, IF58, IF60, IF71, IT21, SC01, SC51

**Prerequisites:** MAB112

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► MAB623 FINANCIAL MATHEMATICS

Quantitative techniques in business, economics and finance; theory and structure of interest rates - general accumulation and discounting functions, force of interest, discounting, varying interest, general annuities, varying annuities, continuous varying annuities; mathematical analysis of financial transactions in money and capital markets - yield rates, horizon analysis, duration, convexity, effects of taxation; life annuities and life assurances - the life table, basic life table functions, life annuities and assurances, policy values, paid up policy values, changes to policies; use of life table to study stationary and stable populations, population projections; multiple decrement tables; superannuation.

**Courses:** IF39, IF50, IF58, IF60, IF71, SC01, SC51

**Prerequisites:** MAB313

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► MAB624 APPLIED STATISTICS 3

Design of experiments for factorial investigations: two and three-level factors, Taguchi's approach, fractions and blocking, response surfaces. General linear model. Regression graphics. Multi-stratum designs and analysis. Repeated measures designs and analysis. Linear-logistic and log-linear models. Use of statistical software.

**Courses:** IF21, IF39, IF44, IF50, IF58, IF60, SC01, SC51

**Prerequisites:** MAB414

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► MAB625 OPERATIONS RESEARCH 3B

Phases of an operations research study: decision analysis; queuing theory; simulation; implementation in operations research; non-linear programming; heuristic techniques.

**Courses:** IF39, IF50, IF58, IF60, SC01, SC51

**Prerequisites:** MAB525

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► MAB640 INDUSTRY PROJECT

The student usually works in industry for a short period full-time, followed by part-time. The student is assisted to develop a suitable plan to manage the project using a Gantt chart or other flow or layout techniques. Students are expected to record progress and subsequently develop an accurate report and seminar presentation.

**Courses:** IF58, IF60, SC01, SC51

**Prerequisites:** MAB523

**Corequisites:** At least 36 credit points from 3rd level mathematical sciences units

**Credit points:** 24 **Incompatible with:** MAB960  
**Campus offered:** GP **Semester:** 2

### ► MAB672 ADVANCED MATHEMATICAL MODELLING

Models will be developed beginning with the description of 'real-world' problems. Emphasis will be on the mathematical modelling and not on the development of new mathematical techniques. Mathematical Modelling: model formulation, dimensional analysis and re-scaling. Curves of pursuit, bungee jumping. Modelling with systems of ordinary differential equations: Phase plane methods for analysing systems of ODEs. Bacterial growth in a chemostat. Predator-Prey models with harvesting. Limit cycles, oscillations and excitable media. Modelling with partial differential equations: Motion of a continuum. Continuity. Traffic flow. Aggregation of slime mould amoebae. Momentum. Ideal gas dynamics. Quasi-linear PDEs.

**Courses:** IF21, IF39, IF44, IF50, IF58, IF60, IF71, IF86, SC01, SC51, SC60

**Prerequisites:** MAB413, MAB422

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

### ► MAB681 ADVANCED VISUALISATION AND DATA ANALYSIS

Advanced visualisation, virtual reality and data analysis, contemporary issues in data visualisation, introduction to advanced tools; completion of a project in advanced visualisation which demonstrates analysis, background research, investigation, development of project proposal, and presentation of the project outcomes.

**Courses:** IF58, IT21, SC01, SC51

**Prerequisites:** MAB481

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► MAB730 SURVEYING MATHEMATICS 2

Systems of linear equations, Gaussian elimination, matrix inversion, properties of inverses, partial pivoting, error propagation. Determinants, properties of determinants, rank. Compact (direct) and iterative (indirect) methods for solving linear systems. Eigenvalues of 2x2, 3x3 matrices, diagonalisation, quadratic forms, conic sections. Lagrange interpolation, divided differences, least squares methods, two-dimensional interpolation methods. Fixed-point iteration, Newton's method and Quasi-Newton methods.

**Courses:** PS47, PS48

**Prerequisites:** MAB137

**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** MAB496, MAB795  
**Campus offered:** GP **Semester:** 2

### ► MAB787/3 PROJECT

Project and thesis component of Honours course (SC60).

**Courses:** SC60

**Prerequisites:** Approval of Head of School

**Credit points:** 36  
**Campus offered:** GP **Semester:** 1

### ► MAN200 MATHEMATICAL FOUNDATIONS

This unit is intended to cater for students who may not have studied mathematics for some years and who are enrolled in postgraduate coursework in mathematical science. The unit is tailored to suit individual needs. Content is organised into modules and may also include material delivered in a workshop for industry participants.

**Courses:** MA65, MA75, MA85

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1, 2, 3

### ► MAN201 MATHEMATICS

This unit caters for students who need more than one mathematics unit to provide the necessary background for studying more advanced units in postgraduate coursework in mathematical science. Students may use material from one first level undergraduate material with extension material or combine content from more than one first level unit.

**Courses:** MA65, MA75, MA85

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1, 2, 3

### ► MAN700 PROJECT

This project is based on a problem from the student's workplace or interests.

**Courses:** MA65, MA75, MA85

**Prerequisites:** Permission from Course

Coordinator

**Credit points:** 24

**Campus offered:** GP **Semester:** 1, 2

### ► MAN717 MINOR PROJECT

This project may be related to that undertaken in MAN700 or in MAN787 or in a separate area. It must be self-contained and is assessed separately.

**Courses:** MA65, MA75, MA85, SC60

**Prerequisites:** Approval of Head of School

**Credit points:** 12

**Incompatible with:** MAB717

**Campus offered:** GP **Semester:** 1, 2

### ► MAN761 ANALYSIS

Convergence in  $\mathbb{R}$ ; uniform convergence; Lebesgue integral; convergence theorems;  $L_p$ -spaces; metric spaces; completeness and compactness; contraction mappings; normed and Banach spaces; dual spaces; linear operators; Hilbert spaces; Hilbert-adjoint operator; linear operator equations; spectrum of a linear operator.

**Courses:** MA65, MA75, MA85, SC60, SC71, SC80, IF49

**Prerequisites:** MAB311

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MAB761

**Campus offered:** GP **Semester:** 2

### ► MAN762 FIELD THEORY

Electrostatics; steady current theory; magnetism; Maxwell's equations; Hertz vectors; energy of the electromagnetic field; plane waves; spherical waves; treatment of special problems.

**Courses:** IF49, MA65, MA75, MA85, SC60, SC71, SC80

**Prerequisites:** MAB413, MAB521

(Recommended: MAB613)

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MAB762

**Campus offered:** GP **Semester:** 1

### ► MAN764 APPLIED MATHEMATICAL MODELLING

This unit will enable students to develop and practice mathematical modelling skills by considering topical problems from current research activities and beyond the discipline of mathematics. Some of the problems considered will include the dispersion of a pollutant in a river, waves of pursuit and evasion, Turing mechanisms and the generation of spatial patterns in biological or biochemical systems. A notable emphasis of this unit will be the collaborative development of mathematical models for novel problems.

**Prerequisites:** MAB613, MAB672

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MAB746

**Campus offered:** GP **Semester:** 2

## UNIT SYNOPSES

### ► MAN765 BAYESIAN DATA ANALYSIS

Basics of Bayesian statistical inference; frequentist and Bayesian inference for basic statistical models; multiparameter models and hierarchical Bayesian models; resampling and simulation; Markov chain Monte Carlo and related simulation methods; directed acyclic graphical models as probability models; use of BUGS software; model and simulation diagnostics; generalised linear models and mixed models; missing data models; spatial data models.

**Courses:** IF49, MA65, MA75, MA85, SC60, SC71, SC80

**Prerequisites:** MAB524

(Recommended: MAB624)

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MAB765

**Campus offered:** GP

**Semester:** 1

### ► MAN766 APPLIED TIME SERIES ANALYSIS

Spectral analysis of ARMA models; frequency estimation; fast algorithm for spectral analysis and frequency estimation; applications to speech and audio samples; non-linear spectral methods; non-linear time series models; chaos; tests for non-linearity; forecasting methods for non-linear models; non-parametric models; applications to business and financial time series.

**Courses:** MA65, MA75, MA85, SC60, SC71, SC80, IF49

**Prerequisites:** MAB526

(Recommended: MAB524)

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MAB766

**Campus offered:** GP

**Semester:** 2

### ► MAN768 ADVANCED TECHNIQUES IN OPERATIONS RESEARCH

Nature of operations research; inventory systems modelling, including lot-size problems, recent developments in inventory theory, material requirement planning, just-in-time production; production planning and scheduling, including static and dynamic methods, aggregate planning, LP/LDR/SDR techniques, heuristics; operations scheduling, including sequencing and balancing techniques, job shop scheduling, assembly line balancing; networks, including project management, network scheduling, resources allocation, NP-completeness.

**Courses:** MA65, MA75, MA85, SC60, SC71, SC80, IF49

**Prerequisites:** MAB625

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MAB768

**Campus offered:** GP

**Semester:** 1

### ► MAN769 MATHEMATICS OF FINANCE

Stock market theory; basic option theory; Black-Scholes analysis; Brownian motion and martingales; Markov processes; Ito stochastic integrals and stochastic calculus; Black-Scholes market model; option valuation formula; numerical solution of market models.

**Courses:** MA65, MA75, MA85, SC60, SC71, SC80, IF49

**Prerequisites:** MAB413

(Recommended: MAB623)

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MAB769

**Campus offered:** GP

**Semester:** 1

### ► MAN771 COMPUTATIONAL MATHEMATICS 4

A discussion of the conservation equations that describe fluid motion. Explicit and Implicit Finite Difference Solution Methods for the one-dimensional Generalised Diffusion Equation, Introduction to the Finite Volume Method with application to the one-dimensional Diffusion Equation, Treating advection/convection - Monotonicity arguments, stability, TVD schemes, upstream averaging, and a brief discussion of flux limiting. Extensions of the Finite Volume Method to higher dimensions on both structured and unstructured grids.

**Courses:** MA65, MA75, MA85, SC60, SC71, SC80, IF49

**Prerequisites:** MAB522, MAB613

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MAB771

**Campus offered:** GP

**Semester:** 2

### ► MAN774 PERTURBATION METHODS

Regular and singular perturbation expansions; asymptotic expansions, strained coordinates; boundary layer analysis and matched asymptotic expansions; selected examples from industrial applications and mathematics applied in medicine and biology.

**Courses:** IF49, MA65, MA75, MA85, SC60, SC71, SC80

**Prerequisites:** MAB413, MAB521

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MAB762

**Campus offered:** GP

**Semester:** 1

### ► MAN775 STATISTICAL INFERENCE WITH FINANCIAL APPLICATIONS

Statistical inference in actuarial contexts, including short term risk models, collective risk models over an extended period, stopping times and ruin, adjustment coefficients and reinsurance, projections over time. Modelling through quantiles, distributions from transformation families, applications in simulation studies, modelling and analysis.

**Courses:** IF49, MA65, MA75, MA85, SC60, SC71, SC80

**Prerequisites:** MAB524

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MAB765

**Campus offered:** GP

**Semester:** 1

### ► MAN778 APPLICATIONS OF DISCRETE MATHEMATICS

Graph Theory: Introduction; graph isomorphisms, Euler trails and circuits; planar graphs; Hamiltonian paths and cycles; graph colouring with applications to electrical networks, coding theory, operations research, computer programming and chemistry. Abstract Algebra: Advanced concepts of groups, rings and fields will be introduced. Applications will include the solvability by radicals of polynomial equations, ruler and compass constructions eg squaring the circle, elliptic curve cryptosystems.

**Courses:** IF49, MA65, MA75, MA85, SC60, SC71, SC80

**Prerequisites:** MAB621

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► MAN787 PROJECT

This project is research-based and involves writing a thesis and giving an oral presentation.

**Courses:** MA75, MA85, SC60

**Prerequisites:** Approval of Head of School

**Credit points:** 12 **Incompatible with:** MAB787

**Campus offered:** GP

**Semester:** 1, 2, 3

### ► MDB001 INTEGRATED FOUNDATIONS STUDIES 2: SCIENTIFIC AND QUANTITATIVE LITERACY

It is recognised that Mathematics and Science play crucial roles in the functioning of modern society through their contribution to our understanding of our physical, social and personal worlds, and their usefulness in solving problems a wide range of problems. As students engage with the content of the unit, for example, number, time, astronomy, navigation, measurement, geometry, probability, they will recognise that each is a discipline with a language and methods of thinking that have evolved in historical and social contexts. Knowledge of both areas is important for people to be critically reflective thinkers and active participants in society, and for their life long learning.

**Courses:** ED91

**Campus offered:** KG

**Credit points:** 12

**Semester:** 1

### ► MDB002 PRIMARY CURRICULUM AND PEDAGOGIES: MATHEMATICS 1

Mathematics is an essential key learning area of the primary school curriculum. It is considered to be one of the building blocks for education for work and life. Mathematics is closely linked to numeracy, but it extends beyond the day-to-day demands of society. Mathematics underpins and assists in the growth of technology, economics and finance, communication, and the new science of biotechnology. Its theories are based on the analysis of the structure of mathematics, the psychology of learning, and the social context in which the discipline is taught. The interplay between these three ever-changing forces is the

setting for mathematics education and the curriculum that is developed for primary schools. This unit focuses on the teaching of numbers, operations, and measurement and will consider the role of technology in these three strands.

**Courses:** ED91

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG

**Semester:** 2

### ► MDB300 TEACHING IN THE INFORMATION AGE

The impact of information technology on education; the concept of an information society; the way in which what is defined as knowledge is contested and changed by information technology; strategies for learning and teaching using information technology. Practical skills using computer hardware and software communication technology and multimedia are developed with a view to appropriate implementation within the curriculum.

**Courses:** ED43, ED50, ED52, ED54, ED55, IF70-79

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MDB383, MDB385

### ► MDB320 DATABASE THEORY AND TECHNIQUES

The logical and physical models of information systems; characteristics; use of structured query language to query existing curriculum databases and construct new ones; the sociological implications of the utilisation of public and private databases.

**Courses:** ED50

**Contact hours:** 3 per week **Credit points:** 12

### ► MDB321 INFORMATION SYSTEM MODELLING IN EDUCATIONAL CONTEXTS

Examines the modelling of information systems; relational systems; fact oriented approaches; conceptual schema design.

**Courses:** ED50

**Contact hours:** 3 per week **Credit points:** 12

### ► MDB322 COMPUTER SYSTEMS FOR TEACHERS

Examination of single and multi-user operating systems; interaction with computer systems and management of stored information; definition and implementation of algorithms in suitable language; selection of computable representation for real world concepts and application in computer programs; hierarchy of levels of abstraction; adoption of abstracted views of real world information processing or problem-solving situations; capabilities and limitations of conventional, sequential processing machine architectures.

**Courses:** ED50

**Contact hours:** 3 per week **Credit points:** 12

### ► MDB323 PROGRAMMING LANGUAGES FOR TEACHERS

Examines further software developments; techniques of program development; top-down design and modularity; computer programming using appropriate languages.

**Courses:** ED50

**Contact hours:** 3 per week **Credit points:** 12

### ► MDB325 BIOLOGY CURRICULUM STUDIES 1

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

**Courses:** ED19, ED50, ED54, ED55, IF71, IF73

**Prerequisites:** Normally the completion of 48 credit points in each relevant discipline area

**Contact hours:** 3 per week **Credit points:** 12

### ► MDB326 BIOLOGY CURRICULUM STUDIES 2

Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

**Courses:** ED19, ED50, ED54, ED55, IF71, IF73

## UNIT SYNOPSES

**Prerequisites:** MDB325

**Contact hours:** 3 per week **Credit points:** 12

### ► MDB327 CHEMISTRY CURRICULUM STUDIES 1

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

**Courses:** ED19, ED50, ED54, ED55, IF71

**Prerequisites:** Normally the completion of 48 credit points in each relevant discipline area

**Contact hours:** 3 per week **Credit points:** 12

### ► MDB328 CHEMISTRY CURRICULUM STUDIES 2

Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

**Courses:** ED19, ED50, ED54, ED55, IF71

**Prerequisites:** MDB327

**Contact hours:** 3 per week **Credit points:** 12

### ► MDB329 COMPUTING CURRICULUM STUDIES 1

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

**Courses:** ED19, ED50, ED54, ED55, IF79

**Prerequisites:** Normally the completion of 48 credit points in each relevant discipline area

**Contact hours:** 3 per week **Credit points:** 12

### ► MDB330 COMPUTING CURRICULUM STUDIES 2

Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

**Courses:** ED19, ED50, ED54, ED55, IF79

**Prerequisites:** MDB329

**Contact hours:** 3 per week **Credit points:** 12

### ► MDB331 EARTH SCIENCE CURRICULUM STUDIES 1

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

**Courses:** ED19, ED50, ED54, ED55, IF71

**Prerequisites:** Normally the completion of 48 credit points in each relevant discipline area

**Contact hours:** 3 per week **Credit points:** 12

### ► MDB332 EARTH SCIENCE CURRICULUM STUDIES 2

Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

**Courses:** ED19, ED50, ED54, ED55, IF71

**Prerequisites:** MDB331

**Contact hours:** 3 per week **Credit points:** 12

### ► MDB333 MATHEMATICS CURRICULUM STUDIES 1

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

**Courses:** ED26, ED19, ED50, ED54, ED55, IF71, IF73, IF79

**Prerequisites:** Normally the completion of 48 credit points in each relevant discipline area

**Contact hours:** 3 per week **Credit points:** 12

### ► MDB334 MATHEMATICS CURRICULUM STUDIES 2: SENIOR MATHEMATICS

Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

**Courses:** ED19, ED26, ED50, ED54, ED55, IF71, IF73, IF79

**Prerequisites:** MDB333

**Contact hours:** 3 per week **Credit points:** 12

### ► MDB335 PHYSICS CURRICULUM STUDIES 1

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

**Courses:** ED19, ED50, ED54, ED55, IF71

**Prerequisites:** Normally the completion of 48 credit points in each relevant discipline area

**Contact hours:** 3 per week **Credit points:** 12

### ► MDB336 PHYSICS CURRICULUM STUDIES 2

Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

**Courses:** ED19, ED50, ED54, ED55, IF71

**Prerequisites:** MDB335

**Contact hours:** 3 per week **Credit points:** 12

### ► MDB337 SCIENCE CURRICULUM STUDIES 1

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

**Courses:** ED19, ED50, ED54, ED55, IF71, IF79

**Prerequisites:** Normally the completion of 48 credit points in each relevant discipline area

**Contact hours:** 3 per week **Credit points:** 12

### ► MDB338 SCIENCE CURRICULUM STUDIES 2

Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

**Courses:** ED19, ED50, ED54, ED55, IF71, IF79

**Prerequisites:** MDB337

**Contact hours:** 3 per week **Credit points:** 12

### ► MDB345 SOFTWARE DEVELOPMENT FOR EDUCATIONAL CONTEXTS

Algorithmic thinking and its implementation form a major component within the Information Processing and Technology syllabus now implemented in secondary schools. Prospective teachers of courses such as these require a sound foundation in the design and development of software along with the use of modern abstract procedural, data and object handling representations. Software design and development are closely bound to particular problems contexts. This unit is based on the design of educational software because this area is relevant to the students concerned and because there is a clear demand for such software. Students in this unit will employ a range of powerful programming techniques and structures in the development of educational computer software.

**Courses:** ED50

**Contact hours:** 3 per week **Credit points:** 12

### ► MDB347 EXCURSIONS IN NUMBER

The study of numbers is filled with intrigue and challenge. This unit explores numbers; large and small, happy and sad, prime and not so prime, weird and wild, and many others in between. Historical highlights and practical investigations

with number are used to provide a background for the participants as well as a wealth of materials for the classroom.

**Courses:** ED51, ED52

**Contact hours:** 3 per week **Credit points:** 12

### ► MDB349 MATHEMATICAL REASONING

The concept of thinking and intelligence; the nature of mathematical thinking during the first half of this century; modern ideas on the nature of mathematical thinking; the thinking skills movement and programs designed to foster thinking; analysis of children's thinking in solving mathematical problems; analysis of students' 'everyday cognition' together with their thinking in mathematical situations.

**Courses:** ED51, ED52

**Contact hours:** 3 per week **Credit points:** 12

### ► MDB373 MATHEMATICS CURRICULUM 1

The mathematical processes and structures underlying: beginning mathematical ideas that are the foundation for number and measurement; number, numeration, and number sense related to whole numbers, decimal fractions and common fractions; the four operations (addition, subtraction, multiplication, and division) with particular focus on concepts, basic number facts, and computation (mental and paper and pencil), and measurement involving length, area, capacity, volume, mass, temperature and time. Recent theories on how children acquire concepts and skills related to number and numeration, operations and measurement are examined.

**Courses:** ED51

**Prerequisites:** MDB386

**Contact hours:** 3 per week **Credit points:** 12

### ► MDB374 MATHEMATICS CURRICULUM 2

Addresses the topics of: spatial reasoning (concepts, models, constructions, and reasoning processes); chance and data (concepts, procedures, and reasoning processes; pre-algebra (arithmetical structure, expressions and equations); mathematical thinking (critical, reflective, creative, flexible, and logical reasoning; together with problem representation, construction, modelling, and solving); working effectively with technological tools (concepts, communication processes, and project development).

**Courses:** ED51

**Prerequisites:** MDB386, MDB373

**Contact hours:** 3 per week **Credit points:** 12

### ► MDB375 COMPUTER TOOLS FOR EDUCATORS

The use of writing and publishing software, graphics design software, computer managed learning development tools, numerical software tools, personal and project management tools, communications technologies and computer peripherals used in the production of computer generated materials.

**Courses:** ED50, ED51

**Contact hours:** 3 per week **Credit points:** 12

### ► MDB377 PROJECT PLANNING AND IMPLEMENTATION FOR EDUCATIONAL PURPOSES

The study of computing and its application in educational and other environments is very much associated with planned and sequenced implementation of tasks. A study and understanding of how tasks might be represented, sequenced and implemented is essential if technology is to be used effectively in education. The use of project work as a pedagogical technique is a popular strategy to promote independent learning and student autonomy. This unit provides students with a framework to evaluate this methodology.

**Courses:** ED50, ED51

**Prerequisites:** MDB375 or MDB392

**Contact hours:** 3 per week **Credit points:** 12

### ► MDB381 SCIENCE AND TECHNOLOGY IN THE COMMUNITY AND WORKPLACE

Development of an awareness of how science and technology pervade most aspects of our daily lives in communities and workplaces. The implications of a rapidly changing scientific and tech-

nological base of industry; increasing involvement of the public in national and international decision-making; the need for a scientifically literate society. Practical exercises and projects are also undertaken.

**Courses:** ED50, ED54, ED55, IF70-79

**Contact hours:** 3 per week **Credit points:** 12

► **MDB383 USING TECHNOLOGY IN THE CURRICULUM**

Examination and analysis of relevant curriculum documents, for example National Technology Statement, Queensland Education Department. Guidelines for the Use of Computers in Learning, curriculum developed as a result of the Wiltshire Report. Content will include models for learning with information technology; models for learning about information technology; and managing information technology resources.

**Courses:** ED51, ED52, ED56, IF82, IF84

**Contact hours:** 3 per week **Credit points:** 12

► **MDB384 SCIENCE EDUCATION**

Science curriculum development and implementation will examine the growth of children's understandings of key concepts in science. The development of their scientific thinking and manipulative skills will also be investigated in conjunction with this. Extended sequences of learning experiences, or programs, will be planned and implemented.

**Courses:** ED26, ED51, ED56, IF82, IF84

**Contact hours:** 3 per week **Credit points:** 12

► **MDB385 INFORMATION TECHNOLOGIES IN EDUCATION**

A critical reflection on the history of technological development and the social impact of these developments combined with issues relating to the uses of information technologies in teaching and learning. Lecture sessions with workshop and laboratory sessions will assist students to become competent in applying information technologies to academic tasks accessing electronic information sources, creating documents, engaging in computer-based dialogues, analysing, evaluating.

**Courses:** ED43, ED51, ED52

**Contact hours:** 3 per week **Credit points:** 12

► **MEB036 SAFETY TECHNOLOGY 1**

This unit provides students with the skills to enable them to recognise the causes of and methods for preventing (or minimising) accidents, fires and explosions associated with engineering components, structures, plant and processes. Students will gain particular knowledge of hazards and control measures associated with the manufacturing, construction and mining industries.

**Credit points:** 12

**Semester:** 1

► **MEN101 RESEARCH METHODOLOGY**

Basic research methodology is an essential component for any student expected to undertake research. This unit will provide the basic knowledge of research, qualitative and quantitative research methodologies and a range of techniques to become critical users of existing knowledge as well as research findings.

**Courses:** CE75, EE77, ME80

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

► **MEN170 SYSTEMS MODELLING AND SIMULATION**

The concept of a model and model building; techniques for the solution of the models; examples of analytical models such as inventory models, Markov chains, queuing models; simulation as a decision making tool; modelling for simulation and practical exercises in simulation using computer simulation software in the areas of manufacturing systems and maintenance.

**Courses:** ME75, ME76

**Contact hours:** 3 per week **Credit points:** 12

► **MEN171 ADVANCED MANUFACTURING TECHNOLOGIES**

Overview of manufacturing systems engineering and applications of advanced computer aided drafting and design; implementation of CAD/CAM systems using three-dimensional modelling techniques; classification systems for part family formation for production and tooling;

benefits of computer aided process planning; introduction and installation of flexible manufacturing cells and systems including robotics, automated guiding vehicles, online computer aided inspection, automation integration, support technologies and planning for CIM.

**Courses:** ME75, ME76

**Contact hours:** 3 per week **Credit points:** 12

► **MEN172 COST ANALYSIS AND ASSET MANAGEMENT**

Provides students with skills to: analyse cost and understand different costing methods and their implications; evaluate engineering decisions under different cost allocation methods; appreciate the role of variance analysis as a management tool; estimate cash flows; make lease versus buy decisions and budgeting.

**Courses:** ME75, ME76

**Contact hours:** 3 per week **Credit points:** 12

► **MEN175 ENERGY AND ENVIRONMENTAL MANAGEMENT**

Properties and testing methods of solid, liquid and gaseous fuels; combustion calculations; flue gas analysis; energy tariffs and audits; major applications of energy management, for example buildings, process plant, compressed air systems, vehicle fleets; economic evaluation of energy projects; introduction and management of energy saving programs. Environmental aspects will be considered for each topic.

**Courses:** ME75, ME76

**Contact hours:** 3 per week **Credit points:** 12

► **MEN177 TOTAL QUALITY MANAGEMENT**

The aim is to provide students with an understanding of the underlying philosophy and practice of TQM including learning some basic tools for quality control. Topics covered include: quality as a competitive strategy; the evolution of quality management; elements of quality management; continual improvements; customer measurements; managing change; total employee participation; bench marking and TQM in modern economy.

**Courses:** ME75, ME76

**Contact hours:** 3 per week **Credit points:** 12

► **MEN190 PROJECT**

Substantial piece of work relevant to the course and carried out by each student on an individual basis; report is examined and marked by academic supervisor in consultation with industrial supervisor.

**Courses:** ME75, ME76

**Contact hours:** 3 per week **Credit points:** 12

► **MEN241 RELIABILITY AND MAINTENANCE MANAGEMENT**

Overview of maintenance responsibilities and tasks; organisation for maintenance; creating a maintenance plan with reliability; availability; maintainability; repair pools; spare parts inventory management; cost downtime; downtime reduction; planning shutdowns/turnarounds; performance measures; documentation and document control; configuration management; computer based maintenance management systems; total productive maintenance (TPM); condition monitoring; financial analysis for asset management.

**Courses:** ME75, ME76

**Contact hours:** 3 per week **Credit points:** 12

► **MEN272 ENTERPRISE RESOURCE PLANNING**

The aim of this unit is to provide students with an understanding of the underlying philosophy and practice of resources planning. Topics covered are functions and interrelationships between the major components - demand analysis, production and operations planning and control, resource planning and control - manufacturing requirements planning (MRPII); supply chain management; total enterprise approach to business management. Extension of these principles to processing and service industries such as mining, oil, chemical and food processing; enterprises such as hospitals and airports.

**Courses:** ME76, ME75

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MEN270

► **MEN280 ENGINEERING PROJECT MANAGEMENT**

The aim of this unit is to provide students with an understanding of the underlying philosophy and practice of project management. Topics covered are definition of project management; organisational structures; project planning; feasibility analysis; project organisation; contracts; project control; risk analysis and project termination.

**Courses:** BS93, ME75, ME76

**Contact hours:** 3 per week **Credit points:** 12

► **MGB007 ENGINEERING MANAGEMENT**

This unit introduces engineering students to the fundamentals of management so that they can perform a managerial role at a basic level, with the capacity to identify key issues and to develop themselves further as required. It covers the managerial functions of planning, organising and controlling and, in addition, gives emphasis to the involvement of people and their skills in a modern flexible organisation. It also considers briefly areas such as marketing and planning for new ventures as well as the management of change and conflict. It takes an integrated approach to quality in all aspects of management and introduces issues of service management, projects, technology and innovation.

**Courses:** ME41, ME42

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

► **MGB201 THE LEGAL CONTEXT OF EMPLOYMENT RELATIONS**

The unit provides an overview of the complex legal, social and political arrangements underpinning organisational life in Australia. A multi-disciplinary perspective is used to examine two specific areas. Social, economic and State contexts are explored to provide the wider context within which the law develops and changes. The broader implication of national membership of international bodies such as the International Labour Organisation and the United Nations, and the ratification of treaties is also examined. The employment relationship and its legal context is central to organisational operations, and the unit addresses the identification and analysis of the rights and responsibilities of people at the workplace, and the institutions governing the conduct of the different parties involved in the employment relationship. Current issues are examined from the perspective of the interactions between individual workers, unions, employers, employer groups, tribunals, government and international bodies to enable students to understand the broader context of the legal obligations of the parties.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** MGB222

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HRB103

**Campus offered:** GP, CA **Semester:** 1

► **MGB202 EQUITY AND DIVERSITY MANAGEMENT**

The historical, legal and social perspectives on current issues surrounding equity and equality in diversity management particularly equal employment opportunity (including affirmative action and anti-discrimination initiatives) are investigated. Workplace implications of current approaches and the concepts and application of the principle of merit are explored in relation to the likely and possible impacts in making personnel-related decisions. In identifying strategic management approaches to diversity including implementing the EEO and AA processes identified by legislation, the unit questions and evaluates current management practices and research methods through investigating, analysing, and critiquing current EEO/AA approaches and plans.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF62

**Prerequisites:** BSB114

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HRB133

**Campus offered:** GP **Semester:** 2

## UNIT SYNOPSES

### ► MGB203 GOVERNMENT-MANAGEMENT INTERFACE

This unit will provide students with an essential understanding of the complex and dynamic relationship between government and management. The unit will focus upon the political context of management, government policies towards business, their processes of development and operational impacts, the politics of governance and management of the public/private sector interface. The unit will also examine the capacity of various business sectors to influence the political system of Australia in an international context.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF62

**Prerequisites:** BSB114

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** EPB125, EPN101

**Campus offered:** GP **Semester:** 2

### ► MGB207 HUMAN RESOURCE ISSUES AND STRATEGY

This unit identifies a range of contemporary human resource management issues facing Australian organisations. These are explored and analysed through examining a range of alternative human resource programs, policies, and strategies. This unit introduces a range of human resource functions and provides a foundation for the development of professional practice in HRM in later units. This unit provides students with knowledge and skills to address contemporary human resource issues in order to contribute to organisational efficiency and effectiveness.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62, PU40

**Prerequisites:** BSB115

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HRB131

**Campus offered:** GP **Semester:** 1, 2

### ► MGB209 OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT

This unit provides an overview of issues related to occupational health and safety. The unit acquaints students with the scope of the occupational health and safety problem in Australia as well as the legislative environment, and introduces them to analytical skills needed to manage these problems. The unit takes a strategic and multi-disciplinary approach to the management of occupational health and safety.

**Courses:** BS56, IF28, IF30, IF41, IF48, IF62

**Prerequisites:** BSB114

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HRB128

**Campus offered:** GP **Semester:** 1

### ► MGB210 PRODUCTION AND SERVICE MANAGEMENT

Production and Service Management extends general management approaches to the production operations subsystems of service and manufacturing organisations. The unit focuses on the deployment of productive resources in order to maximise the added value of services and products. Issues of quality and efficiency are considered analytically in terms of broader strategies and constraints. It considers the opportunities that new technology brings to operational strategies in both manufacturing and service. Project management principles are considered in relation to resource deployment and continuous improvement.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** MGB220

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HRB129

**Campus offered:** GP **Semester:** 1, 2

### ► MGB211 ORGANISATIONAL BEHAVIOUR

The unit examines theory and research related to individual and collective human behaviour in organisations. A multi-level approach will be adopted that focuses on individuals, groups, the organisation as an entity, and the relationship among these elements. In addition, the unit will address major themes in the field and provide students with an opportunity to use the body of knowledge to diagnose, interpret and understand issues within these themes. This unit will help

students understand the role that people as individuals and in groups play in organisations and to apply this knowledge in creating more effective and humane work places.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62, PU40

**Prerequisites:** MGB220

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HRB130

**Campus offered:** GP **Semester:** 1, 2

### ► MGB216 MANAGING TECHNOLOGY, INNOVATION AND KNOWLEDGE

This unit explores the links between research, technical processes, product innovation and management structure, policy and practice. It examines the impact of changing technology, such as information technology, on organisations. This unit examines the internal operation of organisations, with particular respect to the management of human, material and financial resources; technological innovations; and social change. Other issues addressed in this unit include the nature of product and process innovation, technology transfer, intellectual property and licensing, government policy, and the role of research and development.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** MGB222

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HRB140

**Campus offered:** GP **Semester:** 2

### ► MGB218 VENTURE SKILLS

Entrepreneurial management is becoming critical skill to have for small and medium sized enterprises (SMEs) who wish to grow rapidly and for small business units (SBUs) in large corporations. This unit examines and compares the venture growth processes for entrepreneurial managers. This unit focuses on the post start-up issues for the entrepreneurial venture. The unit considers the rapid growth issues in the identification, analysis and learning processes for SMEs.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62, LS50

**Prerequisites:** 96 credit points of approved studies

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► MGB220 MANAGEMENT RESEARCH METHODS

This unit is designed to provide students with a conceptual map for conducting research and introduce them to basic qualitative and quantitative analysis techniques. The lecture and tutorial program proceeds through the general research process, moving from establishing a research question, determining a theoretical framework, collecting the data, conducting data analysis, drawing conclusions, and reporting research outcomes. An emphasis is placed on both quantitative and qualitative research methodologies.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** BSB122

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MGB100, EPB109, EPB110, EPB163, COB334, COB203, AMB201

**Campus offered:** GP **Semester:** 1, 2

### ► MGB221 PERFORMANCE AND REWARD

This unit examines the key Human Resource Management functions of job analysis, performance management and compensation management from a strategic perspective with a view to optimising individual and organisational performance. A substantial level of analytical and professional competence is expected in this unit, which is a key to the integration of HR processes and organisational requirements.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** MGB207

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MGB328, HRB105

**Campus offered:** GP **Semester:** 1

### ► MGB222 MANAGING ORGANISATIONS

This unit develops an understanding of the organisation in both its internal and external envi-

ronment, and the demands of managing the organisation's resources and performance. It raises contemporary issues in management and their implications for competitive advantage, focusing on various organisational sub-systems including HR, technology, structure and design. This unit provides a foundation of knowledge for the management and HRM majors. In this unit there will be a focus on strategy, leadership and internationalisation.

**Courses:** BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** BSB115

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2

### ► MGB223 CREATING NEW ENTERPRISES

This unit deals with the development of a business plan for the potential launch of student business ideas. This unit is designed for those individuals interested in creating a new venture or working in industries as employees of venture owners or those that serve this sector. Students build a comprehensive plan of their business concept. Students can progress from this unit to carry out the business plan analysis in the unit MGB218 Venture Skills or advance from MGB218 to undertake this unit.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** 96 credit points of approved studies

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► MGB224 AUSTRALIAN INDUSTRIAL RELATIONS

This unit traces the evolution of current institutions and practices in Australian industrial relations, situating them within the broader context of social and industrial relationships. Issues are viewed from any perspectives, seeing them as a product of a range of political, social, economic legal and industrial experiences. The unit aims to provide an insight into the complexities of Australian industrial relations.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** BSB115

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MGB204, MGB320 and MGB332

**Campus offered:** GP **Semester:** 2

### ► MGB304 HUMAN RESOURCE INFORMATION MANAGEMENT

This unit focuses on Human Resource Information Management. Students will be coached to understand the storage, retrieval, and utilisation of data in HR operation. A substantial level of analytical and professional competence is expected in this subject, which is a key to the utilisation of HR information to aid decision-making. In addition, students will be introduced to the basic operation of a computerised Human Resource information system (HRIS) to appreciate the role of technology in HR information management.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** MGB221

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► MGB306 INDEPENDENT STUDY

Enables students to demonstrate an ability to direct their own learning, a key competence for professionals who must keep themselves up-to-date in their area of expertise. Either individually or in small groups, students undertake one or several learning activities with the approval of a supervisor. Appropriate activities include literature review, research (mini-thesis), project, practicum (work placement), or alternative deemed acceptable by the supervisor.

**Courses:** BS56

**Prerequisites:** 96 credit points of approved studies and permission of the Major Coordinator

**Contact hours:** Flexible Mode

**Credit points:** 12

**Incompatible with:** HRB151

**Campus offered:** GP **Semester:** 1, 2, 3



► **MGB307 INTERNATIONAL HUMAN RESOURCE MANAGEMENT**

Overviews international business management, and develops a strategic appreciation of the role of human resources management in an international context. Specific human resource processes are detailed, including: expatriate selection, cross-cultural training, management and remuneration; global management; and the competencies required to manage a culturally diverse workforce, the relationship between international human resource management and international industrial relations, and contemporary research in international human resource management. The Asia-Pacific region will be a focus for discussions throughout this unit.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF62

**Prerequisites:** MGB207

**Contact hours:** Flexible Mode

**Credit points:** 12

**Incompatible with:** HRB117

**Campus offered:** GP

**Semester:** 2

► **MGB309 STRATEGIC MANAGEMENT**

This unit focuses upon developing manager's understanding of the strategy concept and placing the fundamental elements of strategy in a framework that can be used in the decision making process. The framework is developed within the particular context of Australia's economic development position. Taking the perspective that many managers make decisions that can have strategic implications, the emphasis is upon studying that process and content issues that can affect the strategic performance and positioning of the organisation. This will involve creating an understanding of the universal building blocks of competitive advantage at the business, corporate and international levels. To achieve this understanding, simple and relatively complex management decision processes are explored in an interdisciplinary setting involving the analysis of theories, concepts, and processes as a way of developing a generalist strategy framework. By understanding the nature and determinants of competitive and strategic advantages, students should enhance their professional competences and be well-positioned to take a more strategic and critical perspective towards changing management trends and organisational frameworks.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** MGB222

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HRB125, MIB314

**Campus offered:** GP

**Semester:** 1, 2

► **MGB312 NEGOTIATION SKILLS**

This subject concentrates on the theory and practice of negotiation as applied to the basic concepts of integrative and distributive bargaining domestically and internationally. The process and phases of negotiation are practiced by students, culminating in their ability to negotiate an extensive and complicated collective bargaining agreement.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** MGB211

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HRB102

**Campus offered:** GP

**Semester:** 1

► **MGB314 ORGANISATIONAL CONSULTING AND CHANGE**

Managing change is a fundamental skill required by prospective managers and professionals. This unit provides opportunities for students to develop a theory in practice orientation to consulting to individuals, groups, and organisations. Hence content theory and process theory will be addressed. The focus of this unit will be on human process issues and change. The unit will examine a range of human process interventions designed to improve organisational effectiveness. Attention will also be given to change strategies that are socially and culturally inclusive. Graduates of this unit should be able to be productive members of organisational change teams.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** MGB211

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HRB119, COB102

**Campus offered:** GP, CA

**Semester:** 1, 2

► **MGB315 PERSONAL AND PROFESSIONAL DEVELOPMENT**

Develops personal, interpersonal and professional competencies (in both cognitive and affective domains) necessary in a human resource or management professional. Develops personal awareness and understanding, interpersonal competencies, and professional skills. Also examines influence processes, negotiation and conflict resolution and stress management. Throughout, it emphasizes the design of processes to achieve outcomes and skills of reflective practice. The focus is on developing skills to enhance individual competence and leadership skills to enhance effectiveness.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** MGB211

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HRB104

**Campus offered:** GP

**Semester:** 1, 2

► **MGB320 ORGANISATIONAL CONSULTING AND CHANGE**

Managing change is a fundamental skill required by prospective managers and professionals. This unit provides opportunities for students to develop a theory in practice orientation to consulting to individuals, groups, and organisations. Hence content theory and process theory will be addressed. The focus of this unit will be on human process issues and change. The unit will examine a range of human process interventions designed to improve organisational effectiveness. Attention will also be given to change strategies that are socially and culturally inclusive. Graduates of this unit should be able to be productive members of organisational change teams.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** MGB211

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HRB119, COB102

**Campus offered:** GP, CA

**Semester:** 2

► **MGB321 ADVANCED PRACTICE IN RECRUITMENT AND SELECTION**

This unit draws on conceptual foundations established in MGB320 Recruitment and Selection. The unit examines the theory and practice of advanced selection techniques. In addition, the application of selection techniques to a range of contexts and occupational groups will be explored including operatives, management, customer service, helping professions and other groups. A range of contemporary issues will be addressed. This unit focuses on strategy and professional practice skills.

**Courses:** BS56, IF28, IF30, IF41, IF48, IF62

**Prerequisites:** MGB320

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HRB134

**Campus offered:** GP

**Semester:** 2

► **MGB325 ADVANCED PRACTICE IN TRAINING AND DEVELOPMENT**

This unit focuses on designing, implementing and evaluating systems for individual and organisational learning as part of a strategic approach to human resource development. The unit will rely heavily on empirical and theoretical works to inform practice. Throughout the semester we will examine in-depth the key cognitive and motivational theories relating to training, examine advanced training methodologies, career development, focus on transfer of training and investigate how to evaluate the effectiveness of training programs using research designs. The unit will also highlight the important characteristics of a competent trainer.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF62

**Prerequisites:** MGB331

**Contact hours:** Flexible Mode

**Credit points:** 12

**Incompatible with:** HRB101

**Campus offered:** GP

**Semester:** 1

► **MGB331 TRAINING AND DEVELOPMENT**

This unit introduces students to theory and competencies required of a beginning or an occasional trainer: adult learning theory applicable to training in a vocational setting, research and competency development. Topics include national training framework; instructional models and theories of adult learning; training needs analysis; training objectives; training evaluation; training models; training aids/audiovisuals; training administration.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** MGB207 or 96 credit points of approved studies

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MGB217, HRB120

**Campus offered:** GP

**Semester:** 2

► **MGB334 MANAGING IN A CHANGING ENVIRONMENT**

This unit provides students with the conceptual and analytic tools required for managing changing environments. The emphasis is on developing an understanding of the management competencies required for managing flexibility, managing innovation and managing for change. The unit moves beyond a focus on 'dot.com companies' to examine how a range of organisations both small and large are engaging with issues associated with an increasing emphasis on technology.

**Courses:** BS56, IF26, IF28, IF30, IF37, IF41, IF47, IF48, IF57, IF60, IF62, IF72

**Prerequisites:** BSB212 or MGB222 or 96 credit points of approved studies

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** BSB312

**Campus offered:** GP

**Semester:** 1, 2

► **MGB335 RECRUITMENT AND SELECTION**

This unit draws on conceptual foundations established in MGB221. The unit examines the environment of recruitment and selection, with a particular emphasis on legal issues. Recruitment strategies are evaluated, and considered from the perspective of the organisation and the individual. Personnel selection techniques are examined in relation to technical issues of reliability, validity, fairness, and applicability. Practical skills in designing personnel selection techniques are developed, including the opportunity to develop skills in the interview process.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** MGB221

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HRB134

**Campus offered:** GP

**Semester:** 1

► **MGB336 ADVANCED MANAGEMENT RESEARCH METHODS**

This unit provides students with an advanced understanding of data applications necessary for higher level or postgraduate research projects. Preceding methods units introduced research methodology and examined the selection of research methods. This unit focuses specifically on the application of quantitative statistics to managerial decision-making and organisational research. At the conclusion of this unit, students will have a sound working knowledge of SPSS.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** MGB220

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP

**Semester:** 2

► **MGB337 SPECIAL TOPIC**

Allows students to undertake specialised study on a topic area relevant to particular needs. Content varies depending upon the issue examined, and the academic member(s) involved (including short-term visiting academics).

**Courses:** BS56

**Prerequisites:** 96 credit points of approved studies and permission of Major Coordinator

**Contact hours:** Flexible Mode

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1, 2, 3

► **MGN402 GOVERNMENT-BUSINESS RELATIONS**

Students will develop an understanding of the relationships between business and government in an historical, contemporary and comparative context. The course will focus on: the interaction between politics and the economy, particularly in Australia; the historical development of the relationships between the private and public sectors; and the impact that policies and actions each have on the operations of the other.

**Courses:** BS30, BS39, BS93

**Prerequisites:** PG only

**Contact hours:** Flexible Mode

**Credit points:** 12

**Incompatible with:** EPN101

**Campus offered:** GP

**Semester:** 1

► **MGN404 MANAGING AND ORGANISING GLOBAL FIRMS**

Aims to provide a detailed examination of the typical impacts of the international environment upon the organisation, its management, structure, operations and human resource capacities. In addition, the unit will discuss management issues to be faced by organisations entering into export markets.

**Courses:** GS30, GS31, GS85, GS86

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** BSN401

**Campus offered:** GP

**Semester:** 1

► **MGN409 INTRODUCTION TO MANAGEMENT**

The functions and roles of managers; concepts and principles and their practical applications; the key management functions; areas of planning, organising, staffing, directing and controlling; production/operations management and the management of quality; entrepreneurship and business planning; important problems, opportunities and trends facing managers in Australia analysed from the viewpoint of relevant academic disciplines.

**Courses:** ED23, BS98, BS39

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HRN104

**Campus offered:** GP

**Semester:** 1, 2

► **MGN410 LABOUR-MANAGEMENT RELATIONS**

Employee relations; employee and union action; the role of governments and industrial tribunals; alternative methods and pressures to change traditional Australian systems; the Australian system of labour-management relations; systems of regulation in the employment area; negotiating skills; the resources required for mobilising change in this area.

**Courses:** BS30, BS39, ED23, GS10, GS11, GS13

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HRN105

**Campus offered:** GP

**Semester:** 2

► **MGN412 PEOPLE IN ORGANISATIONS**

This subject aims to provide a broad understanding of organisational behaviour as a base for future study and practice of management. The subject examines organisational behaviour at three levels - individual, group and the organisation as a whole. It moves from a micro perspective on individual behaviour through the interface between the individual and the organisation to overall characteristics of organisations which shape the behaviour of their members. The aim is to provide the student with an understanding of why employees feel and acts the way they do in organisations and methods for enhancing and promoting positive employee attitudes and behaviours and organisational effectiveness. The emphasis is on understanding basic assumptions and models, major theoretical issues, methods of measurement and practical implications.

**Courses:** BS30, BS39, ED23

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HRN108

**Campus offered:** GP

**Semester:** 1

► **MGN413 QUALITY SYSTEMS MANAGEMENT**

Students are introduced to the debate about Standards and their implementation as systems supporting management. The unit covers the basics of total quality management, quality process improvement and the contribution quality systems can make the managerial process. It relates this material to concepts of best practice, benchmarking and business process re-engineering. It gives an overview of ISO9000 Standards for Quality, ISO14000 on Environmental Safety, and how these can be integrated into a single auditable management system. The unit establishes the link of operations and systems with the strategic management process. It considers some of the emergent regulatory requirements in Europe and the Asia-Pacific.

**Courses:** BS30, BS93

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HRP111

**Campus offered:** GP

**Semester:** 1

► **MGN421 STRATEGIC HRM**

HRM is concerned with the relationship between people management strategies and organisational goals and objectives. This capstone unit provides HRM students with the opportunity to apply their learning to this relationship in a systematic way. It requires them to produce high quality HRM advice that provides direction for practicing line managers consistent with organisational goals and objectives. The learning strategies in the unit challenge students to identify contemporary issues of organisation and management and to interpret these using the paradigms of HRM.

**Courses:** GS30, GS31, GS85, GS86

**Prerequisites:** PG only, completion of MGN427 or undergraduate specialisation in HRM advisable

**Contact hours:** Flexible Mode

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

► **MGN422 CONTEMPORARY ISSUES AND PRACTICES IN EMPLOYEE RELATIONS**

This unit will provide human resource practitioners with skills and knowledge to cope with changing employee relations conditions and work practices in Australia. The focus of the unit is on issues relating to changes in industrial relations and how these impact on HR practice. The pressures to move to an EB system, negotiation of EB agreements, and related work practice issues such as the impact of these changes on health and safety, work and family responsibilities, workforce diversity and the increasing use of technology are addressed.

**Courses:** GS30, GS31, GS85, GS86

**Prerequisites:** PG only

**Contact hours:** Flexible Mode

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

► **MGN423 CONTEMPORARY STRATEGIC ANALYSIS**

This unit focuses upon developing manager's understanding of the strategy concept and placing the fundamental elements of strategy in a framework that can be used in the decision making process. Taking the perspective that many managers make decisions that can have strategic implications, the emphasis is upon studying those issues that can affect the strategic positioning of the organisation. This will involve creating an understanding of the universal building blocks of competitive advantage at the business, corporate and international levels. By understanding the nature and determinants of competitive and comparative advantages, students will be well-positioned to take a more strategic perspective in their organisational activities.

**Courses:** BS93

**Prerequisites:** PG only; with an UG specialisation in Business or Commerce, or equivalent entry to BS93

**Contact hours:** Flexible Mode

**Credit points:** 12

**Incompatible with:** BSN407, MGN504

**Campus offered:** GP

**Semester:** 2

► **MGN424 INTERNATIONAL DIMENSIONS OF HRM**

The course material considers the international dimensions of HRM, principally as they affect domestic organisations operating internationally, as well as multinational, global and transnational organisations. Special attention is given to those skills necessary to function efficiently and effectively at a strategic level in management, with particular emphasis on the skills and understanding necessary for operating in a cross-cultural environment. The knowledge and skills necessary for effective personal function in a cross-cultural setting are examined, as well as those necessary for managing others who are operating in such environments. Specifically, the unit is a major core unit in the Master of Business (HRM) program. Topics include: the competitive context of IHRM (corporate transnationalism); the strategic context of IHRM; the cultural context of IHRM (socialisation and structure); the developmental context (global leadership and development); the collaborative context (HRM in multinational cooperative ventures); the comparative context (expatriate management studies in different contexts); the globalisation context.

**Courses:** BS39, BS93

**Prerequisites:** PG only

**Contact hours:** Flexible Mode

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

► **MGN425 THE CONTEXT OF PUBLIC MANAGEMENT**

The aim of this unit is to acquaint students with the context within which public bureaucracies' function, particularly the special characteristics of public accountability, which distinguish these bureaucracies from private sector organisations. The primary focus is on the Australian scene, although students will draw comparisons from their own experience within or outside Queensland. Topics will include the role of interest groups, parties and external government actors' in the formulation of public policy; accountability requirements through parliamentary and other agencies; alternative mechanisms for service delivery; and inter-governmental relations, including the role of local governments in the federal system.

**Courses:** BS39, BS93

**Prerequisites:** PG only

**Contact hours:** Flexible Mode

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

► **MGN426 INTERNATIONAL TRENDS IN PUBLIC MANAGEMENT**

This unit examines major international trends and issues in public management, especially the impact of the New Public Management, focussed upon corporatisation and privatisation, plus regionalisation and devolution of decision-making. It discusses the evolution of institutional structures of administration and policy making under the pressure of global economic and political forces. The effect of international trends is examined with reference to the changing nature of public management within particular national contexts.

**Courses:** BS39, BS93

**Prerequisites:** PG only

**Contact hours:** Flexible Mode

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

► **MGN427 HUMAN RESOURCE MANAGEMENT**

This unit is designed to introduce students to the importance of human resource management for the effectiveness of organisations operating in complex and/or global environments and the quality of work life. The subject examines human resource management from multiple consistency, functional and strategic perspectives. It utilises an open systems model to introduce some of the key processes of personnel management, which are treated at a theoretical and skill level. The subject fosters knowledge, analytical and operational competencies.

**Courses:** GS30, GS31, GS85, GS86

**Prerequisites:** PG only

## UNIT SYNOPSES

**Contact hours:** Flexible Mode

**Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2

► **MGN428 MANAGING NEW BUSINESSES**

This unit is designed for those interested in the processes of business start-up, specifically the unit has been designed for human resource managers, business people, professionals in IT, industrial design and engineering, advisors to business start-ups, those proposing to start a business and students interested in this area. Creating and growing a new venture is an activity that few are able to make happen, even though many seek to this end. This unit is based on an understanding and 'know how' of all functional areas of business and applies the tools and analytical techniques of these functional areas to the new business creation process. The added layer to this unit is the 'know who' that is the knowledge of the human resource network with whom the business owner is connected. Also Brisbane's leading entrepreneurs will be guest speakers in this program.

**Courses:** BS93

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

► **MGN500 ADVANCED READINGS IN HUMAN RESOURCE MANAGEMENT 1**

Explores in-depth advanced theory, research, and issues of practice in human resource management.

**Courses:** BS93

**Prerequisites:** PG only

**Contact hours:** Flexible Mode

**Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2, 3

► **MGN501 READINGS IN MANAGEMENT**

Examination in detail of advanced theory and issues from a chosen discipline area. The object is to have students explore the breadth of their discipline in contrast to the more narrow focus of their thesis work. Students select advanced readings in their field and submit a comprehensive criticism and review. This work is carried out in consultation with the supervisor.

**Courses:** BS63, BS92

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HRN118

**Campus offered:** GP **Semester:** 1

► **MGN505 CONSULTING AND CHANGE MANAGEMENT**

The origins, nature and effect of social change on individuals, organisations and communities; theories and models of change will be used to explore planned and unplanned changes currently occurring, particularly as these relate to possible futures; emphasis will be on the strategies and skills required to initiate and participate in effective change management.

**Courses:** BS93, BS39

**Prerequisites:** PG only

**Contact hours:** Flexible Mode

**Credit points:** 12

**Campus offered:** GP **Semester:** 1

► **MGN506 CONTEMPORARY ISSUES IN HRM**

Postgraduate students need to be familiar with the contemporary issues and the current theoretical and practical developments within their field of specialisation. These matters need to be pursued at a level of intellectual rigour beyond that required for an undergraduate degree. The main objectives of this unit are to identify, analyse and report on contemporary issues in HRM and to research information relevant to identified topics. Content may vary according to which issues are current or predictably important in the future. Special expertise of staff, visiting scholars or distinguished HRM professionals may be utilised.

**Courses:** BS39, BS63, BS92, BS93

**Prerequisites:** PG only

**Contact hours:** Flexible Mode

**Credit points:** 12

**Incompatible with:** HRN115

**Campus offered:** GP **Semester:** 1

► **MGN507 CONTEMPORARY ISSUES IN MANAGEMENT**

Examines in detail advanced theory and issues from their chosen field of study. Such study may include an analysis of the historical developments in the field, interconnections with other fields, current significant issues and practices (including ethics), and advanced methodology and/or statistics relevant to the field. The content may vary according to which issues are significant at the time, according to the special expertise of the staff (including visiting scholars and distinguished business leaders) and according to specific needs from thesis proposals.

**Courses:** BS63, BS92

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HRN119

**Campus offered:** GP **Semester:** 2

► **MGN508 CONSULTING AND CHANGE MANAGEMENT**

The origins, nature and effect of social change on individuals, organisations and communities; theories and models of change will be used to explore planned and unplanned changes currently occurring, particularly as these relate to possible futures; emphasis will be on the strategies and skills required to initiate and participate in effective change management.

**Courses:** BS93, BS39

**Prerequisites:** PG only

**Contact hours:** Flexible Mode

**Credit points:** 12

**Campus offered:** GP **Semester:** 2

► **MGN509 HUMAN RESOURCE MANAGEMENT PROJECT 1**

Provides the opportunity for students to undertake an approved project to develop and enhance learning associated with the coursework elements of human resource management.

**Courses:** BS93

**Prerequisites:** PG only

**Contact hours:** Flexible Mode

**Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2, 3

► **MGN510 HUMAN RESOURCE MANAGEMENT PROJECT 2**

Provides the opportunity for students to undertake an approved project to develop and enhance learning associated with the coursework elements of human resource management.

**Courses:** BS93

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2, 3

► **MGN514 MANAGEMENT PROJECT 1**

Provides the opportunity for students to undertake an approved project to develop and enhance learning associated with the coursework elements of management.

**Courses:** BS93

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2, 3

► **MGN515 MANAGEMENT PROJECT 2**

Provides the opportunity for students to undertake an approved project to develop and enhance learning associated with the coursework elements of management.

**Courses:** BS93

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2, 3

► **MGN516 POLICY ANALYSIS**

Students develop skills in the analysis of policy content and policy process. It provides a basic methodological framework for the systematic development of those skills with two related objectives: (a) to examine a range of models of public policy processes with a view to determining their validity and utility, and (b) to develop a capacity for policy analysis, utilising a variety of conceptual frameworks. Topics include: policy design, formation and implementation, and theories of policy.

**Courses:** BS30, BS39, BS93

**Prerequisites:** PG only

**Contact hours:** Flexible Mode

**Credit points:** 12

**Incompatible with:** EPN104

**Campus offered:** GP **Semester:** 1

► **MGN517 PROGRAM MANAGEMENT AND EVALUATION**

This unit provides an understanding of program management and evaluation in the public sector, with an emphasis on skills development; theory and methodology of evaluation research; qualitative and quantitative tools and the application of these to a public sector program.

**Courses:** BS30, BS39, BS93

**Prerequisites:** PG only

**Contact hours:** Flexible Mode

**Credit points:** 12

**Incompatible with:** EPN106

**Campus offered:** GP **Semester:** 1

► **MGN524 SPECIAL TOPIC IN MANAGEMENT 1**

Students undertake specialised study on a topic area relevant to particular needs. It permits an in-depth examination of an issue of importance. The content varies depending on the issue examined, and the academic member(s) involved (including short-term visiting academics).

**Courses:** BS39, BS93, IF49

**Prerequisites:** PG only

**Contact hours:** Flexible Mode

**Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2, 3

► **MGN525 SPECIAL TOPIC IN MANAGEMENT 2**

Students undertake specialised study on a topic area relevant to particular needs. It permits an in-depth examination of an issue of importance. The content varies depending on the issue examined, and the academic member(s) involved (including short-term visiting academics).

**Courses:** BS93

**Prerequisites:** PG only

**Contact hours:** Flexible Mode

**Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2, 3

► **MGN526 ADVANCED READINGS IN MANAGEMENT 2**

Students explore in-depth advanced theory, research and issues of practice in management.

**Courses:** BS93

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HRN118

**Campus offered:** GP **Semester:** 1, 2, 3

► **MGN527 ADVANCED READINGS IN HUMAN RESOURCE MANAGEMENT 2**

Students explore in-depth advanced theory, research and issues of practice in human resource management.

**Courses:** BS93

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2, 3

► **MGN528 SPECIAL TOPIC IN HUMAN RESOURCE MANAGEMENT 1**

Students undertake specialised study on a topic area relevant to particular needs. It permits an in-depth examination of an issue of importance. The content varies depending on the issue examined, and the academic member(s) involved (including short-term visiting academics).

**Courses:** BS93

**Prerequisites:** PG only

**Contact hours:** 3 per week or Flexible Mode

**Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2, 3

► **MGN529 SPECIAL TOPIC IN HUMAN RESOURCE MANAGEMENT 2**

Students undertake specialised study on a topic area relevant to particular needs. It permits an in-depth examination of an issue of importance. The content varies depending on the issue examined, and the academic member(s) involved (including short-term visiting academics).

**Courses:** BS93

**Prerequisites:** PG only

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2, 3

► **MMB004 INFOMECHATRONICS PROJECT**

Modern devices and systems are characterised by the use of digital computers to provide increased functionality and autonomy at decreased cost. The ability to integrate the mechanical, electrical and computing skills in solving a problem is an essential trait of an Infomechatronics engineer. The aim of this unit is to develop the student's capability to apply mechanical engineering and management principles in solving a real world industry problem. Students will be required to practice theoretical/analytical/experimental techniques taught in previous years of the course and also demonstrate practical skills in synthesis/design and manufacture as well as project management. Topics include: problem definition and solution; literature review and industry research; preparation of technical documentation; experimental verification of a constructed device or suggested solution; project management, presentation and reporting.

**Courses:** ME40

**Prerequisites:** As determined by Course Coordinator.

**Credit points:** 36

**Semester:** 1, 2

► **MMB112 DYNAMICS**

This unit concerns the motion of machines and structures that have to operate with high speeds and accelerations and the application of principles of mechanics, in particular dynamics. The principles are basic to the analysis and design of moving structures, ranging from ground and air vehicles to robotic devices and automatic control systems. The content includes fundamental equations of kinematics; Newton's law of motion; coordinate systems in plane motion; fundamental equations of particle kinetics; energy, power, impulse and momentum; kinematics of rigid bodies in plane motion, relative motion and motion relative to rotating axes; and kinetics of rigid bodies.

**Courses:** ME41, ME42, ME48

**Prerequisites:** MAB180 or MAB131, CEB109

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2, 3

► **MMB131 ENGINEERING MATERIALS**

This unit provides an introduction to Engineering Materials and Materials Science. Topic covered include: atomic bonding; thermodynamics of solids; state and phase changes; defects; elasticity, plastic deformation and fracture; recovery; recrystallisation; hot and cold deformation; creep and fatigue mechanisms; introductory corrosion; heat treatment; alloying and strengthening in metals, polymers and ceramics.

**Courses:** CE44, CE45, EE48, EE41, EE42, IF42, ME41, ME48, ME42, SC01

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2

► **MMB191 INTRODUCTION TO ENGINEERING IN THE MEDICAL ENVIRONMENT**

The medical environment has its own culture, methodology and terminology to which the medical engineer must become accustomed. Similarly, engineering has its own terminology and means of communication. Content includes: the engineering profession and its disciplines in Australia and worldwide; Australian healthcare system; medical terminology; health technology and equipment; engineering and medical ethics case studies; engineering communication; engineering drawing.

**Courses:** ME48

**Contact hours:** 5 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

► **MMB211 MECHANICS 1**

All engineering designs must possess an appropriate/adequate degree of stability before they can be considered safe and reliable in service. Mechanics 1 provides a synthesis of knowledge from the general principles of mechanics and demonstrates how these can be used to ensure design integrity and design assessment. The unit will introduce students to the theory of elasticity and elastic parameters such as stress and strain; analysis and design of pressurised thin walled

cylinders and spheres; deflection of beams; direct and shear stresses during beam bending; buckling of columns; combined loading of structures and machine members; yield criteria for safe elastic loading.

**Courses:** ME36, ME41, ME42, ME48,

**Prerequisites:** MAB132, CEB109

**Contact hours:** 5 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

► **MMB212 MECHANICS 2**

Topics covered in this unit include: kinematic and dynamic analysis of planar linkages and mechanisms; link synthesis and its application to the design of mechanisms; determination of static and dynamic forces and torques due to inertia and other effects in mechanisms; kinematic analysis of gears and gear systems; introduction to energy methods and matrix methods for static analysis; stress analysis of axi-symmetrically loaded members; torsion of non-circular sections; introduction to experimental stress analysis.

**Courses:** ME41, ME42

**Prerequisites:** MMB211, MMB112

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

► **MMB232 MATERIALS TECHNOLOGY**

Topics covered in this unit include: industrial shaping of metals; solidification theory and phase transformations; casting - alloys and defects; sintering and powder metallurgy; fundamentals of ferrous metallurgy; non-ferrous metallurgy; welding and joining technologies; non-destructive testing; engineering with ceramics; processing and properties of polymers; composite materials; optical materials and optical properties.

**Courses:** ME36, ME41

**Prerequisites:** MMB131

**Contact hours:** 5 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

► **MMB251 AERODYNAMIC PRINCIPLES**

Introductory concepts of fluid mechanics and thermodynamics; conservation of mass, energy and momentum, state properties of fluids, the standard atmosphere. Dimensional analysis; experimental aerodynamics and aerodynamic coefficients, Reynolds number and Mach number effects. Estimating aerodynamic forces and moments, fundamentals of aircraft performance; estimating range and endurance, take off and landing calculations, flight envelopes.

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

► **MMB252 THERMOFLUIDS**

Topics covered in this unit include: operation and testing of engines; first and second laws of Thermodynamics; properties of working fluids including equations and tables; heat engine cycles, compressors and expanders; multi stage compression; laboratory and interests; fluid properties, forces on stationary and moving fluids; flow behaviour, pressure drops, Reynolds number; theory and applications of energy equations; power transmissions in fluids; laboratory.

**Courses:** ME36, ME41, ME48, ME42

**Prerequisites:** MAB132, CEB109

**Contact hours:** 6 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

► **MMB281 FUNDAMENTALS OF MECHANICAL DESIGN**

This introductory design unit covers introduction to mechanical design, design procedure, system and functional approach to design, universal design and design for sustainability, concept development, engineering creativity, load analysis, development of computational scheme, general strength considerations, introduction to fatigue, shaft design, rolling bearing selection and analysis of forces in gear trains. Students also learn Computer-aided Design and Drafting software starting from simple shapes and advancing to 3D modelling.

**Courses:** ME41, ME42, ME48

**Prerequisites:** BNB007 or MMB191

**Corequisites:** MMB211

**Contact hours:** 5 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

► **MMB292 BIOMATERIALS**

Topics covered in this unit include: an understanding of the relationships between the properties, failure mechanisms, processing and microstructures of various materials used for medical applications and their interaction with human tissues; an understanding of the fundamentals of the use of materials in a medical environment and an understanding of the fundamentals of materials properties and processing; and consideration of the following: metallic, ceramic, polymeric implant materials; composites as biomaterials; structure-property relationships of biomaterials; tissue response to implants; soft tissue replacements; hard tissue replacements.

**Courses:** ME48

**Prerequisites:** MMB131

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

► **MMB300 PROJECT 2T**

The aim of this unit is to provide students with the capability to understand mechanical engineering principles and apply them to the formulation and solution of specific engineering problems in design and development tasks. The unit involves the application of mechanical engineering principles and the communication of ideas orally and in the presentation of a formal report.

**Courses:** ME36

**Prerequisites:** As determined by Course Coordinator

**Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2

► **MMB302 PROJECT 2T**

The aim of this unit is to provide students with the capability to understand mechanical engineering principles and apply them to formulate and solve specific engineering problems in design and development tasks. The task may involve investigation in applied research projects or industrial based projects. Students will acquire the ability to communicate solutions orally and in a formal report form.

**Courses:** ME36

**Prerequisites:** As determined by Course Coordinator

**Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2

► **MMB311 MECHANICS 3**

This unit covers two separate Mechanical Engineering disciplines: (i) Study of vibration in machines and structures, (ii) Study of automatic plant control. Students will gain an understanding of transient behaviour of mechanical systems. In many instances it is the transient loads in machines or departures from the design operating condition in process plants which causes mechanical failure or unacceptable departure from product specifications.

**Courses:** ME41

**Prerequisites:** MAB133, MMB112

**Contact hours:** 6 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

► **MMB312 MECHANICAL MEASUREMENT**

This units deals with measurement techniques and instrumentation systems required in mechanical engineering applications. The unit covers (a) the basic knowledge of static and dynamic mechanical measurements with an emphasis on the measurement of position/velocity/acceleration, stress/strain, force/torque/power, vibration/noise and pressure/flow/temperature and (b) hands-on experience in measurement techniques and instrumentation.

**Courses:** ME36

**Prerequisites:** MAB105, EEB112, EEB220

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

► **MMB313 MECHANICAL ENGINEERING STUDIES**

The objectives of this unit are (1) to provide students with revision in basic knowledge in mathematics and an introduction to Laplace Transforms to enable smooth articulate into the advanced standing programs, (2) to provide stu-

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dents with basic concepts in stress analysis and its application to practical problems and (3) to provide sufficient background in the application of the knowledge in the later part of the course, in project work and instrumentation.

**Courses:** ME41

**Prerequisites:** Singapore Polytechnic Diploma  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1, 2

### ► MMB351 THERMODYNAMICS

Topics covered in this unit include: review of basics: steam cycles and plant; nozzles, impulse and reaction turbines; gas turbines - basic and refined cycles; mixtures and Dalton's Law; refrigeration cycles and plant; chemistry of combustion and water treatment; conduction, convection and radiation; condensation and boiling; forced and free convection; analysis of heat exchangers. Laboratory.

**Courses:** ME41, ME42

**Prerequisites:** MMB252, MMB352

**Contact hours:** 6 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► MMB352 FLUID MECHANICS

This unit provides students with an understanding of unsteady flow in closed conduits, performance of rotodynamic machinery used in fluid systems (including pumps, water turbines and hydraulic transmissions), incompressible flow around solid bodies (including potential flow and boundary layer flow), design and interpretation of hydraulic and pneumatic circuits (including graphical symbols, fluid logic, components of fluid systems) and basic compressible flow (including normal shock waves).

**Courses:** ME41, ME42

**Prerequisites:** MAB132, MMB211, MMB252

**Contact hours:** 6 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

### ► MMB353 TRIBOLOGY

Tribology (friction, wear and lubrication) pervades all facets of our industry and is of vital importance in mechanical, manufacturing and medical engineering. Tribology is an integral component of the mechanical, manufacturing and medical engineering curriculum because the effective application of its principles can increase national productivity in terms of reduced energy costs, reduced material loss through reductions in wear, reduced operating costs through lower maintenance costs, lower equipment replacement costs, fewer machine breakdowns and longer machine life. Tribological principles are fundamental in the design of medical prostheses such as synovial joints. This unit builds upon the design units in the courses and by its inclusion in the third year of the degree programs, allows students to undertake final year projects in this area of mechanical engineering. Topics covered include: Introduction to tribology and fundamentals of dry contact mechanics, Specification and measurement of surface topography, Review of the fundamentals of friction and the modes of wear, Regimes of lubrication (hydrodynamic, hydrostatic, boundary and elastohydrodynamic), Properties of lubricants, including additives, Bearing design (fluid film journal and thrust pad bearings), Lubrication of gears, rolling element bearings, human and prosthetic joints, Lubricant degradation and reclamation, Rapidly biodegradable products and Advanced condition monitoring techniques.

**Courses:** ME40, ME41, ME42, ME43, ME48

**Prerequisites:** MMB381, MMB382

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► MMB362 BIOFLUIDS

This unit includes consideration of: the particular properties of the fluids that might be encountered in biomedical engineering and an introduction to techniques to analyse their behaviour; the properties of the fluids and their relation to biological function; the relevance of fluid properties to the design of associated equipment; continuity of flow; viscosity and its measurement; Newton's law of viscosity; non-Newtonian fluids; boundary layer theory; dimensional similarity; rheology of biofluids; haemodynamics; pumps and valves for biofluid systems; associated equip-

ment; biotribology and the function of biological joints.

**Courses:** ME48

**Prerequisites:** MMB252

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► MMB371 MANUFACTURING PROCESSES

Topics covered in this unit include: introduction to machining; chip formation; cutting forces, power, temperature and surface finish; concepts of orthogonal and oblique cutting, introduction to turning, milling, drilling and grinding operations; cutting fluid actions and applications; cutting tool materials, geometry and specification; tool life studies; selection of cutting conditions; non-traditional machining processes; introduction to engineering metrology; introduction to casting, welding and metal forming processes; metal forming principles and theories; metal forming analysis techniques, forging, extrusion, rolling and drawing processes; dead metal zone, extrusion defects, defects in rolling, limitations of forging, rolling, extrusion processes; sheet metal operations, press selection, blank layout, spring back, introduction to blanking die design, methods for minimising spring back, introduction to drawing and deep drawing processes.

**Courses:** ME36, ME41

**Prerequisites:** MAB132, MMB211

**Contact hours:** 5 per week **Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► MMB374 DESIGN FOR MANUFACTURING I

Topics covered in this unit include: introduction to design for manufacturing in the context of concurrent engineering; principles of solid modelling, its importance in a concurrent engineering environment; the idea of rapid prototyping and tooling; introduction to the basic skills in the use of CAD/CAM software for rapid product development. Basic understanding of creating manufacturing specification.

**Courses:** IF57

**Contact hours:** 5 per week **Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► MMB381 DESIGN OF MECHANICAL COMPONENTS AND MACHINES

This design unit covers the design of mechanical components and machines. In particular, materials selection in design, fasteners, power screws, riveted, welded and bonded joints, shafts and associated parts, gearing (spur, helical, bevel, worm, cyclo-, harmonic), clutches, couplings and brakes, cams, springs, frames and housings, design for manufacturability, selection of lubricants and methods of lubrication, machine components interrelationship (case studies). Students also learn solid modelling software and use it in design project to develop a solid model of a transmission.

**Courses:** ME41, ME42

**Prerequisites:** MMB281

**Contact hours:** 6 per week **Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► MMB382 DESIGN AND MAINTENANCE OF MACHINERY

This design unit covers design of special equipment (conveyors, cranes, feeding and orienting devices), design of mechanical structures, heavy machinery design, design of food processing equipment, design of agricultural equipment, design of machinery exposed to corrosive environmental and extensive heat, fundamentals of friction and wear, design for reliability, machine failure analysis, analysis of case studies of industrial failures, the use of the Anticipatory Failure Determination method for prediction and analysis of failures, practical application of fracture mechanics to failure analysis, machine condition monitoring, maintenance systems, styling and ergonomics in design, Occupational Health and Safety, intellectual property, quality assurance in design and engineering ethics.

**Courses:** ME41, ME42

**Prerequisites:** MMB281

**Contact hours:** 6 per week **Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► MMB391 BIOMECHANICAL ENGINEERING SYSTEMS

Topics covered in this unit include: an appreciation of the mechanics of the tissues of the joints (micro mechanics or tissue mechanics) and the function of the body during normal activities (macro-mechanics or biomechanics). This unit is designed to develop an understanding of the complex properties of the individual tissues and practical competencies in the evaluation of human function and performance from a biomechanical perspective. Biomedical engineers require the ability to analyse the mechanics of the human body for applications such as prosthetic design (both artificial limbs and replacement joints), design of assistive devices for people with disabilities, sporting performance, ergonomic tasks, and other health related areas.

**Courses:** ME48

**Prerequisites:** CEB109, MMB292, MMB211

**Contact hours:** 6 per week **Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► MMB392 BIOENGINEERING DESIGN 2

This unit is structured to further develop the engineering design skills of students, with particular emphasis on the role of computer-aided design (CAD), materials selection, manufacturing processes, assembly and maintenance in the design and management of bio-engineering devices. A knowledge of manufacturing processes, fundamentals of engineering design, engineering drawing and engineering materials is assumed. Content includes: design for manufacture, materials selection, computer-aided design and solid modelling; rapid prototyping techniques; maintenance and management of medical devices; case studies of selected medical devices.

**Courses:** ME48

**Prerequisites:** MMB281, MMB371

**Contact hours:** 5 per week **Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► MMB400 INDUSTRY PROJECT

Professional engineers are required to manage projects and this unit provides a vehicle for students to undertake a structured, individual project program under supervision and within industry. The BE(Mech) course (like any engineering course) requires that students are capable of using their initiative to manage a major project to satisfactory completion. The project is to be a substantial piece of work relevant to the course and carried out by each student on an individual basis. It is to investigate and analyse a real technological or managerial problem in mechanical engineering and apply solutions that take into consideration both technological and economic factors. Students are required to present seminars and a final thesis.

**Courses:** ME41, ME42

**Prerequisites:** As determined by Course Coordinator

**Contact hours:** 40

**Credit points:** 48

**Semester:** 1, 2

### ► MMB401 PROJECT

Professional engineers are required to manage projects and this unit provides a vehicle for students to undertake a structured, individual project program under supervision. The BE(Mech) course (like any engineering course) requires that students are capable of using their initiative to manage a major project to satisfactory completion. The project is to be a substantial piece of work relevant to the course and carried out by each student on an individual basis. It is to investigate and analyse a real technological or managerial problem in manufacturing engineering and marketing and apply solutions that take into consideration both technological and economic factors. Students are required to present seminars and a final thesis.

**Courses:** ME41, ME42

**Prerequisites:** As determined by Course Coordinator

**Credit points:** 48

**Campus offered:** GP

**Semester:** 1, 2

### ► MMB409 PROJECT 1/2

Professional engineers are required to manage projects and this unit provides a vehicle for stu-

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dents to undertake a structured, individual project program under supervision. The BE(Medical) course (like any BE course) requires that students are capable of using their initiative to manage a major project to satisfactory completion. The project is to be a substantial piece of work relevant to the course and carried out by each student on an individual basis. It is to investigate and analyse a real technological or managerial problem in medical engineering and apply solutions that take into consideration both technological and economic factors. Students are required to present seminars and a final thesis.

**Courses:** ME48

**Prerequisites:** As determined by Course Coordinator

**Credit points:** 48

**Campus offered:** GP

### ► MMB411 ADVANCED AUTOMATIC CONTROL

Continuous automatic control of mechanical systems is fundamental to the automation of manufacturing and process plant. This subject exposes the student to the practical issues of design of automatic control systems using the 'classical control' theory taught in Mechanics 3.

**Courses:** ME41, ME42

**Prerequisites:** MAB133, MMB311

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► MMB412 FINITE ELEMENT ANALYSIS

Design engineers must be exposed to modern techniques of analysis for design evaluation and optimization. The finite element method provides a means of achieving this goal. Topics covered in this unit include: introduction to the finite element method; introduction to simple models of material and structural behaviours; the Galerkin finite element approximation technique for model differential equations; finite element and their characteristics; interpolation and shape functions and their relevance in FEA. All students will be introduced to a commercial software package and will carry out analysis of engineering problems using the software.

**Courses:** ME41, ME42

**Prerequisites:** MMB311

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► MMB413 INDUSTRIAL NOISE AND VIBRATIONS

The unit is concerned with the study of methods of noise and vibration measurement and control as experienced in industry. Students are required to have a basic understanding of the theories and be capable of modelling and predicting noise and vibration in an industrial environment. Topics covered in this unit include: instrumentation and measurement of noise and vibration; behaviour and analysis of sound waves, measurement of noise and noise criteria, attenuation from barriers and screens, behaviour of sound in room, sound transmission through partition and noise reduction through partition; vibration generation and transmission, measuring vibration and analysis, instrumentation and vibration condition monitoring, balancing of rotating machines and vibration damper and control.

**Courses:** ME41, ME42

**Prerequisites:** MMB311

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► MMB430 ADVANCED MATERIALS

Topics covered in this unit include: materials selection for weight critical applications; light alloy - aluminium and its alloys, principles of age hardening, aluminium-lithium alloys, issues in processing aluminium; light alloys-magnesium alloys, titanium alloy groups and uses (including issues in processing and titanium metallurgy; fibre composite materials-Young's modulus, strength and fracture, major groups of fibre composites, design with composites; introduction to thin film deposition - physical vapour deposition, chemical vapour deposition, sol-gel deposition, thin film analysis and microstructure; ceramic structures and processing-classification of structures, structure-property relationships, defects in ceramics, ceramic processing; special

topic-related to current research in the field (eg case study in technology development: materials development for energy efficient windows).

**Courses:** ME41, ME42

**Prerequisites:** MMB232

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► MMB450 AIR CONDITIONING

Topics covered in this unit include: detailed analysis of psychrometric and refrigeration cycles; calculation of building cooling loads; air conditioning and refrigeration plant machinery and heat exchangers; ductwork design; application in systems operation.

**Courses:** ME41, ME42

**Prerequisites:** MMB252

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► MMB451 ENERGY MANAGEMENT

Topics covered in this unit include: the systematic process by which energy use is monitored and analysed; individual treatment of electricity, fuels and their properties, compressed air, buildings, cycle requirements, pinch technology, energy recovery equipment; financial analysis of proposals. Environmental aspects will be considered for each topic.

**Courses:** ME41, ME42

**Prerequisites:** MMB252

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► MMB461 PROCESS SYSTEMS DESIGN

This unit involves the design of various process plant equipment such as piping systems (including control of fluid flow via pumps and valving, support systems and pipe stressing), pressure vessels such as heat exchangers, cooling towers and introduces students to the pumping of slurries, according to relevant codes.

**Courses:** ME41, ME42

**Prerequisites:** MMB351, MMB352

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► MMB470 ENGINEERING ASSET MANAGEMENT AND MAINTENANCE

Engineers are often involved in the management of substantial amounts of plant, machinery and similar assets. In today's capital intensive industries, maintenance is a major cost element, and the efficiency of operations is heavily influenced by equipment reliability and maintenance effectiveness. The engineer needs to know how to organise maintenance and how to create and implement effective asset management and maintenance plans. This unit includes: engineering asset management policy statement; overhaul and replacement of engineering assets; organisation for maintenance; maintenance planning and control; failure mode and effect analysis, reliability, maintainability and availability analysis, risk assessment and spare parts inventory management.

**Courses:** ME41, ME42, ME43, ME48

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► MMB471 COMPUTER INTEGRATED MANUFACTURING

Topics covered in this unit include: introduction of the concepts of strategic planning for computer integrated manufacturing; concepts of advanced manufacturing technologies and the various components of computer integrated manufacturing system; the importance of concurrent engineering in the context of CIM; introduction to the principles of modelling and simulation techniques as a design and evaluation tool for manufacturing systems.

**Courses:** ME41, ME42

**Prerequisites:** MMB371 or a knowledge of basic manufacturing processes and statistics

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► MMB474 COMPUTER CONTROL OF MANUFACTURING SYSTEMS

Topics covered in this unit include: overview of computer controls of manufacturing systems; principles of data communications in computer integrated manufacturing environment; applica-

tions of data structures in modern manufacturing environment; programmable logic controllers in shop floor environment; enterprise integration and networking in manufacturing; conditioning and process monitoring in process industries; digital and analogue control of manufacturing systems; several case studies and discussions on automation and networking of automobile and air craft industries.

**Courses:** IF57

**Prerequisites:** EEB220

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► MMB476 OPERATIONS MANAGEMENT

This unit develops students' ability in applying quantitative techniques in solving different types of industrial operations problems. Topics include: product mix, assignment and transportation models; location and layout decisions, job design analysis; project planning; quality control and the use of simulation in operations management.

**Courses:** ME41, ME42

**Prerequisites:** A knowledge of basic manufacturing processes

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► MMB478 MECHATRONICS SYSTEMS DESIGN

This unit develops the student's ability in applying design for assembly manufacturing concepts and practical issues of design of automatic control systems for various applications. Topics are organised in two modules. Module 1: design for manufacturing processes and materials; sand casting; permanent mould casting; die casting and investment casting; design for forgings; sustainability in manufacturing; applications and programming of programmable controllers and computer based combinations in control of manufacturing and information systems in manufacturing. Module 2: essential components of hydraulic and pneumatic systems; hydraulic pumps, motors, valves, cylinders, accumulators; hydraulic system design and other related issues will be discussed.

**Courses:** ME40

**Prerequisites:** MMB371, MMB252

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► MMB492 HEALTH LEGISLATION AND THE MEDICAL ENVIRONMENT

This unit provides an introduction to the types of legislative control in the health and medical industries. It highlights the minimum requirements in relation to the role of medical engineers and their contribution to successful and ethical relationships with medical, health legislative and regulatory affairs professionals. Content includes: national and international legislative controlling bodies and codes (EC, TGA, FDA); structure and sources of legal system (State and Federal); Good Manufacturing Practice (GMP); ISO9000 Quality Systems; Total Quality Management; ethics committees and clearance; industry case studies.

**Courses:** ME48

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► MMB494 REHABILITATION EQUIPMENT DESIGN AND EVALUATION

Bioengineers working in the rehabilitation area require an understanding of the criteria associated with the needs and design of specific items of equipment for rehabilitation and the functionally impaired. The means of evaluating equipment performance in a clinical context is also needed because of the insight and feedback that it provides in the design cycle and the clinical implications of the design. This unit introduces students to many different areas of rehabilitation and the design of equipment to assist people with disabilities. There will be formal lectures and tutorials, some of which will be presented by practitioners from the different areas of rehabilitation. In addition, students will spend time on a

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clinical experience program working with a rehabilitation engineering team.

**Courses:** ME48

**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

### ► MMB496 MODELLING AND SIMULATION FOR MEDICAL ENGINEERS

Computational modelling and simulation are widely used in engineering in general, and in specific areas of medical engineering. Modelling can be described as the process of determining analytical representations of physical elements for the purpose of investigating kinematic, kinetic and structural properties and performance. Content includes: introduction to MATLAB programming techniques; process of model creation; methods of analysis of determinate and indeterminate systems; simulation techniques and examples of advanced applications.

**Courses:** ME48

**Prerequisites:** MMB391

**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

### ► MMB498 MEDICAL IMAGING AND IMAGE PROCESSING

To give the student medical engineer a broad introduction to the fundamentals of medical imaging and image processing. To provide the student with the skills to use personal computers and image processing software to optimise the display of medical images and extract quantitative information. Areas covered include: acquisition of medical images; image format and display; image reconstruction from projections, multiplanar reconstruction, 3D display, surface and volume rendering; image processing; image storage and transfer.

**Courses:** ME48

**Contact hours:** 4 per week    **Credit Points:** 12  
**Campus offered:** GP            **Semester:** 2

### ► MMB572 MANUFACTURING PLANNING AND CONTROL

This unit develops the student's ability in applying quantitative techniques in solving different types of manufacturing planning and control problems. Topics include: forecasting modelling, inventory control, materials requirements and plant capacity planning, production scheduling techniques and a study of modern manufacturing philosophies such as JIT.

**Courses:** IF57

**Credit points:** 12

**Campus offered:** GP            **Semester:** 2

### ► NRB100 ENVIRONMENTAL SCIENCE

General features of the aquatic, atmospheric, and terrestrial systems will be described. This will incorporate the main chemical, physical, and biological processes that influence their development. The evolution of these systems, and their interaction, will be considered. The human involvement is then examined, and its type, extent, and impact. To give some relevance to the global concepts presented, a range of examples will be given for the Australian environment and its resources, and human interaction with them.

**Courses:** ED50, SC01

**Contact hours:** 4 per week    **Credit points:** 12

### ► NRB230 PLANET EARTH

Focuses on geological principles, formation and classification of minerals, rocks and soil, the origin of the Earth and the solar system, stratigraphy, geological time, dating and geological history, fossils, structural geology and plate tectonics, and economic and applied geology.

**Courses:** ED50, SC01

**Contact hours:** 4 per week    **Credit points:** 12

### ► NRB232 ENVIRONMENTAL GEOLOGY

This unit covers landforms, their setting and distribution, and the weathered mantle of the earth, the regolith, and related to the various processes of physical and chemical weathering, erosion, mass wasting, subsidence and effects of climate. Drainage system morphology and patterns, catchment forms and processes within rivers are considered. Of major significance are the various types of hydrological processes, especially those at the land and water interface; the fundamentals

of groundwater occurrence are explained. Volcanic terrains are considered, as well as the distribution of volcanoes, type, products and impacts. Large scale factors such as global climate change and its implication are considered. The concepts of earth systems and scale are also considered. Other topics covered include coastal zones and estuaries, and general features of land management.

**Courses:** SC01

**Prerequisites:** NRB100 or NRB230, PCB142

**Corequisites:** PCB142 (with permission)

**Contact hours:** 4 per week    **Credit points:** 12

**Incompatible with:** NRB332

### ► NRB270 ANIMAL AND PLANT STRUCTURE AND FUNCTION

Emphasises the integration of major biochemical and physiological process within functioning organisms. Aspects of energy flow (photosynthesis and respiration) are considered. The structure of major organs and organ systems is described and related to their function. The regulation and coordination of organism function via biological feedback mechanisms, nervous and/or hormonal systems is outlined.

**Courses:** ED50, SC01

**Contact hours:** 4 per week    **Credit points:** 12  
**Semester:** 2

### ► NRB300 ENVIRONMENTAL MONITORING

Purpose, design and quality control of physical, chemical and biological monitoring programs. Fundamentals of data analysis. Methodologies of monitoring (variables, instruments, sampling strategies including location and frequency of observation, analytical protocols). Some principles of ecological monitoring.

**Courses:** SC01

**Prerequisites:** 72 credit points of science or health units

**Contact hours:** 4 per week    **Credit points:** 12  
**Semester:** 1

### ► NRB311 POPULATION ECOLOGY

A broad theoretical background in the major concepts of plant and animal ecology. Topics include: ecology of individuals, dynamics of single populations, life history and demography, interactions within and between populations, population regulation, behavioural ecology and plant ecology.

**Courses:** ED50, SC01

**Prerequisites:** NRB100 or LSB118

**Contact hours:** 4 per week    **Credit points:** 12

**Semester:** 1

### ► NRB312 EXPERIMENTAL DESIGN

Emphasises practical considerations of field and laboratory-based experimentation in ecology, and provides experience in problem assessment, definition, formulation of testable hypotheses and experimental design.

**Courses:** SC01

**Prerequisites:** MAB101

**Contact hours:** 4 per week    **Credit points:** 12

**Semester:** 1

### ► NRB331 SEDIMENTARY GEOLOGY

Types of sediments and their classifications and occurrence; textures; grain size and analysis; and sedimentary depositional environments. The analysis of maps and sedimentary successions is approached using sediment type, stratigraphy. Applications considered cover environmental studies, coastal and land management, and mineral, petroleum and other resource assessment.

**Courses:** SC01

**Prerequisites:** NRB230

**Corequisites:** NRB333

**Contact hours:** 4 per week    **Credit points:** 12

### ► NRB333 MINERALOGY

Crystallography, symmetry, Miller indices, axial ratios, crystal forms, classes, systems, lattices, unit cell, crystal chemistry, crystal growth and defects, atomic structure, periodic table, ions and packing, Pauling's rules, bonding and mineral properties, substitution, solid solution, polymorphism, pseudomorphism. Classification of minerals; systematic treatment of the physical, chemical and structural properties of minerals; techniques of mineral analysis; theory and identi-

fication of minerals in transmitted light; optical properties and identification of minerals in thin section, and grain mounts.

**Courses:** SC01

**Contact hours:** 4 per week    **Credit points:** 12

### ► NRB370 INVERTEBRATE BIOLOGY

The major focus of this unit will be examination of the diversity of invertebrate functional systems, behaviour, and life histories. These will be viewed in an evolutionary context. A brief overview of the diversity, phylogeny, and classification of invertebrates will be provided. Consideration will be restricted to the levels of superphylum and phylum.

**Courses:** SC01

**Prerequisites:** LSB118

**Contact hours:** 4 per week    **Credit points:** 12

**Semester:** 1

### ► NRB371 PLANT BIOLOGY

Ever wondered what the first plant to crawl out of the sea looked like? This unit will take you on a journey to show you how they looked and lived. We'll use your imagination, some great images and learning experiences to show you how plants evolved into some of the most enormous organisms on the planet. Ever wanted to visit a forest essentially unchanged for 80 million years? Join us for a virtual tour - we'll take you there. We'll talk about the distribution and abundance of the most successful of the invaders of terrestrial environments - the plants. We'll also discuss some of the unique adaptations of Australian plants to their environment. The time machine awaits - first stop - 440 million years ago, when our weather person reports a 20% chance of comets and heavy rain with intermittent volcanic activity - oh, and also the first plants to colonise the land.

**Courses:** ED50, SC01

**Prerequisites:** LSB118

**Contact hours:** 4 per week    **Credit points:** 12

**Semester:** 1

### ► NRB400 ENVIRONMENTAL SYSTEMS

Develops a view of the environment as a nested hierarchy of systems in which man-environment interactions are placed in perspective. The systems approach provides a framework of the environment that allows the environmental scientist to dismantle the environment for analysis and then reassemble it so that the results of analysis can be incorporated into an integrated synthesis. This systems approach recognises that changes in one compartment of the environment affect others. This unit provides a standardised approach to the study of environmental systems, focussing on mass and energy flows between them. It shows how fundamental thermodynamic laws, relating to the conservation of mass and energy, can be applied to environmental systems to improve understanding of environmental processes.

**Courses:** SC01

**Prerequisites:** 72 credit points of science units

**Contact hours:** 4 per week    **Credit points:** 12

**Semester:** 2

### ► NRB410 GENETICS AND EVOLUTION

This unit provides a basic understanding of the mechanisms of inheritance using Mendelian Genetics as a foundation. These principles are extended to develop a clear understanding of the mechanisms and processes that drive evolution in natural populations. Topics include the physical basis of heredity, Mendelian and non-Mendelian inheritance patterns, genotype/environment interactions, quantitative traits, evolutionary theory, adaptation and natural selection, sexual selection and the evolution of life histories.

**Courses:** ED50, SC01

**Prerequisites:** LSB118

**Contact hours:** 4 per week    **Credit points:** 12

**Semester:** 2

### ► NRB411 ECOLOGICAL METHODS

The theory and practice of methods to determine and measure important ecological parameters and characteristics. These methods are essential for the study of biological populations and communities. Content includes estimation of population size, survivorship and other demographic parameters, determination of dispersion patterns,

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detecting competition, and vegetation classification.

**Courses:** SC01

**Prerequisites:** NRB311, NRB312

**Contact hours:** 4 per week    **Credit points:** 12  
**Semester:** 2

### ► NRB434 STRUCTURAL GEOLOGY AND FIELD METHODS

Considers the deformation of geological materials and includes the geometry of map-scale structures. Covered in the unit are classes of structures: description and analysis of joints, faults, folds, boudinage, cleavage, foliations, and lineations. Also examined are principles of deformation: normal and shear stress, brittle fracture, strain and rigid motion, brittle and plastic deformation, measurement of strain, homogeneous and non-homogeneous strain, Mohr diagrams. Dynamic aspects are considered such as deformation mechanisms: rheological models and stress-strain relations, elastic limit, plastic deformation within crystals, pressure solution, recrystallisation, creep, fracture and brittle behaviour including the role of microcracks, pore-fluid pressure, preexisting fractures, heat and lithology. Practical work includes a series of assignments of increasing complexity, culminating with a course project which includes geological map interpretation and cross section construction. Field work consists of 3 trips of increasing difficulty designed for the construction of geological maps and analysis of deformed rocks. This includes a week long trip and preparation of geologic reports.

**Courses:** SC01

**Prerequisites:** MAB100, NRB230, NRB331

**Corequisites:** NRB432

**Contact hours:** 4 per week    **Credit points:** 12

### ► NRB435 ORE GENESIS

Focuses on the formation of ore deposits, and provides a basis for the exploration of mineral deposits. A wide variety of deposits are studied, with an emphasis on metallic ore deposits, their characteristics and environments of deposition. Ore forming processes are discussed, together with tectonic perspectives, modern ore formation, ore deposit models, and techniques of ore deposits.

**Courses:** SC01

**Prerequisites:** NRB430

**Contact hours:** 4 per week    **Credit points:** 12

### ► NRB436 INTRODUCTION TO IGNEOUS AND METAMORPHIC PETROLOGY

An introduction to the description, classification and origin of igneous and metamorphic rocks. Practical development of lithologic and petrographic abilities to identify mineral assemblages, classify rocks, and interpret textures. Field and theoretical constraints on the petrogenesis of rocks are discussed in lecture. Field study is an essential component of the unit.

**Courses:** SC01

**Prerequisites:** NRB333

**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP    **Semester:** 1

### ► NRB437 STRATIGRAPHY AND DEPOSITIONAL ENVIRONMENTS

Focuses on advanced facies analysis of additional depositional environments and stratigraphic analysis including lithostratigraphy, biostratigraphy and chronostratigraphy. An introduction to sequence stratigraphy and subsurface geology utilising a variety of different data sets is also covered. Applications include both exploration in coal and hydrocarbon industries and hydrogeology and environmental geology areas.

**Courses:** SC01

**Prerequisites:** NRB331

**Contact hours:** 4 per week    **Credit points:** 12  
**Semester:** 2

### ► NRB440 ENVIRONMENTAL CHEMISTRY

Introduction to biogeochemical cycles. Natural water bodies - oceans, flowing and non-flowing surface water, ground water. Solutes and equilibria in natural water, chemistry of water pollutants. Indicators of water quality. The atmosphere - structure and energy balance, air pollutants.

Hazardous substances in the environment. Introductory ecotoxicology. Chemistry of the regolith and soils, biogeochemical weathering processes.

**Courses:** SC01

**Prerequisites:** 72cp of science units including PCB140 or PCB142

**Contact hours:** 4 per week    **Credit points:** 12

### ► NRB470 VERTEBRATE BIOLOGY

The core modules for this unit cover evolution and physiological capabilities (with particular emphasis on the brain). Other modules provide opportunities to enhance your knowledge of particular aspects of vertebrate biology of interest to you, or to learn how to identify Australian vertebrates.

**Courses:** ED50, SC01

**Prerequisites:** NRB270

**Contact hours:** 4 per week    **Credit points:** 12  
**Semester:** 2

### ► NRB500 ENVIRONMENTAL MODELLING

This unit builds the capacity to develop understanding of the interdependent relationships that characterise environmental systems via model building. Models will be developed to study the function of simple environmental processes by adopting a systems approach. This approach will be presented as a foundation for informed environmental management.

**Courses:** SC01

**Prerequisites:** NRB400

**Contact hours:** 4 per week    **Credit points:** 12

### ► NRB501 MAPPING AND MODELLING OF NATURAL RESOURCE DATA

An introduction to the concepts, theory and practice of GIS essential to the understanding of spatial data analysis methods in environmental and natural resource related applications. Key elements of GIS examined are: map projections, coordinate systems, geographic data structures, data acquisition, data visualisation, error handling, and environmental decision support. Practical work uses database software and a GIS package to solve spatial analysis problems within a natural resource management context. Critical analysis, problem solving, written communication and time management skills are embedded within the curriculum.

**Courses:** ED50, SC01

**Prerequisites:** 72 cp of Science units

**Contact hours:** 4 per week    **Credit points:** 12

### ► NRB510 POPULATION GENETICS

An extension of NRB410 Genetics and Evolution. Topics include: the genetic structure of populations and processes of evolutionary change; natural selection, inbreeding and adaptation, species and speciation theory; ecological genetics and the genetics of behaviour.

**Courses:** SC01

**Prerequisites:** NRB410

**Contact hours:** 4 per week    **Credit points:** 12  
**Semester:** 1

### ► NRB511 POPULATION MANAGEMENT

Develops the theoretical treatment of populations as a unit of study and integrates the content of previous ecology units into approaches for the management of biological populations. The unit focuses on those population/resource interactions that are relevant to conservation, harvesting and pest control.

**Courses:** SC01

**Prerequisites:** NRB311, NRB411

**Contact hours:** 4 per week    **Credit points:** 12  
**Semester:** 1

### ► NRB533 ADVANCED GEOLOGICAL MAPPING

A field excursion of approximately 3 weeks duration, conducted during the semester break. The excursion emphasises geological mapping skills in lithologically and structurally varied regions. Past excursions have focussed on the Mt Isa region and have been run in collaboration with the University of Queensland. Lectures and tutorials prior to the excursion review and develop mapping and geological interpretation techniques. Students are expected to cover their transport expenses to the field site, as well as accommodation and food costs during the excursion.

**Courses:** SC01

**Prerequisites:** NRB431

**Corequisites:** NRB530, NRB531

**Contact hours:** 1 per week plus 3 week field trip  
**Credit points:** 12

### ► NRB535 GEOLOGY OF FOSSIL FUELS

Focuses on: coal properties, classification, genesis, and analysis; coal hand specimen studies and microscopy; hydrocarbon generation from coal and oil shale; coalfield geology and subsurface mapping techniques; basin analysis; coal production and economics; origin and characteristics of petroleum fluids, including generation, accumulation and migration through time and space; study of structural and stratigraphic traps, and reservoir rock characteristics; application of drilling, logging, and geophysical and correlation techniques, including seismic stratigraphy; economics of petroleum production.

**Courses:** SC01

**Prerequisites:** NRB331

**Contact hours:** 4 per week    **Credit points:** 12

### ► NRB536 PETROLOGY AND GEOCHEMISTRY

Through lecture, discussion and problem solving exercises, this unit introduces the application of geochemistry, phase equilibria, and thermodynamics to understand the origin and evolution of igneous and metamorphic rocks. Problem-solving exercises synthesise field, petrographic and geochemical data to develop quantitative petrogenetic models and enhance critical thinking and written communication skills. Field study is an important component of this unit.

**Courses:** SC01

**Prerequisites:** NRB436

**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP    **Semester:** 1

### ► NRB571 MARINE BIOLOGY

This unit gives a general overview of marine ecosystems and their importance to humankind. The unit aims to stimulate thought, and to generate ideas, by reviewing the range of approaches taken to manage, and conserve, marine resources. Emphasis will be given to Australian coastal marine systems: their importance, care, and abuse. The unit will involve a compulsory 3 day field trip to a local coastal ecosystem.

**Courses:** ED50

**Contact hours:** 4 per week    **Credit points:** 12  
**Semester:** 1

### ► NRB572 TERRESTRIAL ECOSYSTEMS

This unit examines the key physical and biological processes that influence the range of terrestrial ecosystems. It examines the geological, climatic and historical processes that have shaped the evolution and ecology of Australia's terrestrial ecosystems and the ecological properties of natural and human modified systems. Content includes the significant phases in the evolution of the Australian flora and fauna, principal components and adaptations of the modern Australian flora and fauna, theories pertinent to explanations of biogeographical distributions, soil formation, structure and biology, physical processes in terrestrial systems, structure and characteristics of terrestrial ecosystems, and terrestrial ecosystem case studies.

**Courses:** ED50, SC01

**Prerequisites:** NRB371 or NRB311

**Contact hours:** 4 per week    **Credit points:** 12  
**Semester:** 1

### ► NRB600 ISSUES IN ENVIRONMENTAL SCIENCE

This unit explores issues in environmental management, their multi-disciplinary nature and the processes of environmental management decision making. The role of science and ecologically sustainable development in the development of policy for environmental management provides a focus and the underlying themes for this unit. Environmental management aims for 'sustainability' which is multifaceted. Environmental policy must be founded on scientific knowledge about the environment, but to be effective, it must also be integrated with social, economic, political and technological policies. Therefore, this unit discusses contemporary environmental management issues and the associated



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linkage between these, scientific information and environmental decision-making.

**Courses:** ED50, SC01

**Prerequisites:** 12 credit points in Level 3 science units, NRB400 recommended

**Contact hours:** 4 per week **Credit points:** 12

### ► NRB610 ECOLOGICAL APPLICATIONS

This unit integrates the content of a number of previous and concurrent ecology units into applied approaches to the management of populations and systems. The unit employs concepts from Population Ecology, Population Management and Conservation Biology and builds methodologies and concepts necessary for an applied approach to conservation and pest management issues. A field trip provides the vehicle for developing these themes. Content includes the collection, collation and preparation of biological resource material relevant to a case study, the diagnostic features and identification of species of relevance, factors involved in the design of a large-scale field study, field techniques necessary to gain an understanding of species/habitat interactions, and the analysis and interpretation of large field data sets.

**Courses:** SC01

**Prerequisites:** NRB511 or NRB510

**Contact hours:** 4 per week **Credit points:** 12

**Semester:** 2

### ► NRB611 CONSERVATION BIOLOGY

Conservation Biology is the application of ecological theory and principles to the problem of the maintenance of viable populations of rare, threatened or endangered species, or ecological systems. The unit integrates ecological and genetic material covered in earlier units to provide an understanding of factors that enable the maintenance or enhancement of populations. The unit examines biodiversity and its determinants, the process of extinction, population viability analysis and the diagnosis and treatment of population declines, habitat fragmentation, metapopulation processes and the design of natural reserves, and conservation genetics.

**Courses:** SC01

**Prerequisites:** NRB311 and NRB410

**Contact hours:** 4 per week **Credit points:** 12

**Semester:** 2

### ► NRB633 HYDROGEOLOGY

Main focus on: the origin, occurrence and movement of groundwater; aquifer properties; chemistry and quality of groundwater; exploration methods for groundwater; drilling methods and equipment and well testing equipment; well hydraulics and testing, and flow calculations; assessment of groundwater problems - both supply and quality; modelling approach to groundwater assessment. Students will obtain practical experience with pump tests, chemical analysis of waters and will be given introduction to computer modelling. There will be interaction with government and private sector hydrogeologists, and field site visits.

**Courses:** SC01

**Prerequisites:** NRB232

**Contact hours:** 4 per week **Credit points:** 12

### ► NRB635 PLATE TECTONICS AND ADVANCED STRUCTURAL GEOLOGY

Considers geological observations in the context of a unifying theory. Examines lithospheric plates, plate geometries, Earth morphology, relative and absolute plate movements, stresses of plate interactions, types of plate boundaries, and orogenesis. Examines the development of the most important geologic theory of the 20th century.

**Courses:** SC01

**Prerequisites:** NRB331, NRB432, NRB434, NRB534

**Contact hours:** 4 per week **Credit points:** 12

### ► NRB636 STRATIGRAPHY AND BASIN ANALYSIS

Focuses on advanced stratigraphic and basin analysis primarily utilising subsurface data. Sequence stratigraphic models for the dominant depositional systems will be explored with emphasis on how they change owing to temporal shifts in tectonic, eustatic and climatic parameters. Integrated lithostratigraphic, biostrati-

graphic, geophysical, and geochemical data sets will be introduced as fundamental aspects of basin analysis.

**Courses:** SC01

**Prerequisites:** NRB333, NRB437

**Contact hours:** 4 per week **Credit points:** 12

**Semester:** 2

### ► NRB640 PHYSICAL CHEMISTRY OF THE ENVIRONMENT

Develops the more advanced aspects of physical and chemical processes in the ambient environment, with a specific focus on thermodynamics, chemical equilibria and kinetics. The emphasis will be on the development, validation and application of different analytical and numerical models.

**Courses:** SC01

**Prerequisites:** NRB440, PCB305

**Contact hours:** 4 per week **Credit points:** 12

### ► NRB672 MARINE AND FRESHWATER ECOSYSTEMS

This unit examines the structure and function of marine and freshwater ecosystems. Aquatic ecosystems cover the majority of the planet and their management is important in terms of maintaining water quality for human utilisation, harvesting resources, and for species conservation. The unit emphasises the physical and ecological properties that are common to all aquatic systems, but also identifies those properties that are unique to particular systems. Content will cover aquatic ecosystems, their different forms and extent, the chemical and physical properties of aquatic environments, circulation and transport processes in marine and freshwater systems, the structure and characteristics of the different aquatic environments and human impact and management in marine and freshwater systems.

**Courses:** ED50, SC01

**Prerequisites:** NRB311

**Contact hours:** 4 per week **Credit points:** 12

**Semester:** 2

### ► NRB720 PROJECT

A substantial project in the appropriate area of science undertaken in conjunction with a supervisor and through interaction with lecturing and technical staff of the School of Natural Resource Sciences. The unit provides the opportunity for students to identify and solve scientific problems logically and creatively. Students are required to relate the project research to published work in the field of study. Each project is assessed on the basis of an extensive written report and a formal seminar or scientific poster.

**Courses:** SC60

**Credit points:** 60

### ► NRB730 RESEARCH METHODS AND STRATEGIES

Two semester unit with its main focus to develop the research planning, abilities and skills of the student. The major assessable components are: literature review, seminars, informal presentations and discussions on subjects relevant to the research topic, and advanced skills workshops and exercises.

**Courses:** SC60

**Credit points:** 24

### ► NRB735 ADVANCED STUDIES IN RESOURCE SCIENCES

Provides an in-depth examination of a topic or synthesis of a subject through lectures, tutorials, discussions, independent study, practicals and/or field excursion. This unit has general structure, which can be developed to the specific requirements of each section of the school. An important aim is to develop inquiring and analytical thought at an advanced level. The unit may be conducted in the first part of semester 1, or could be conducted over two semesters.

**Courses:** SC60

**Credit points:** 12

### ► NRN100 READINGS IN NATURAL RESOURCE SCIENCES 1

A review of literature in an area of direct relevance to the research project. The review should be designed in conjunction with the supervisor and demonstrate: a broad appreciation of the literature, a critical appraisal of research to date

and the relevance of the research project within the framework of current understanding. Reviews should normally be approximately 5 000 words.

**Courses:** IF49, SC71, SC80

**Credit points:** 12

### ► NRN101 READINGS IN NATURAL RESOURCE SCIENCES 2

A companion unit to NRN100 that allows students to (a) prepare a review of a second area relevant to the research project or (b) consider a wider subject area in greater depth. If option (b) is chosen, a single review can qualify as total assessment for both NRN100 and NRN101. In this case, the review should normally be approximately 10 000 words and be a critical analysis of a substantial research area.

**Courses:** IF49, SC71, SC80

**Prerequisites:** NRN100

**Corequisites:** NRN100

**Credit points:** 12

### ► NRN102 SEMINARS IN NATURAL RESOURCE SCIENCES 1

A public seminar plus an extensive discussion period designed to provide positive feedback from staff and students on the proposed research project. The presentation should be designed in conjunction with the supervisor and include: background to the project area, specific objectives of the proposed project, methodology to be followed and possible outcomes. The seminar should normally be presented after the project outline has been developed and before any significant amount of research has been undertaken.

**Courses:** IF49, SC71, SC80

**Credit points:** 12

### ► NRN103 SEMINARS IN NATURAL RESOURCE SCIENCES 2

A public seminar plus an extensive discussion period designed to provide positive feedback from staff and students on the progress of the research project. The presentation should be designed in conjunction with the supervisor and include: project objectives, progress to date, preliminary data and problems for discussion. The seminar should normally be presented within 12 months (full-time) or 24 months (part-time) of commencement of the postgraduate program.

**Courses:** IF49, SC80

**Prerequisites:** NRN102

**Credit points:** 12

### ► NRN104 ADVANCED TOPICS IN NATURAL RESOURCE SCIENCES 1

Students develop an advanced understanding of a topic in the natural resource sciences that is highly relevant to the general area of their proposed research project. The structure and content is variable and can be tailored to the specific requirement of each project and the background of the student. A formal outline of the unit including objectives, content and assessment relevant to the individual course of study will be developed by the supervisor and approved by the Head of School. Content may include active participation in tutorials, workshops, laboratory/field techniques and components of advanced level undergraduate units. If components of advanced level undergraduate units are included, they should not contribute more than 70% of the total assessment.

**Courses:** IF49, SC71, SC80

**Credit points:** 12

### ► NRN105 ADVANCED TOPICS IN NATURAL RESOURCE SCIENCES 2

A companion unit to NRN104 that allows students to study a second area relevant to their area of study. The material presented in this unit must be distinct from that covered in NRN104. Students develop an advanced understanding of a topic in the natural resource sciences that is highly relevant to the general area of their proposed research project. The structure and content is variable and can be tailored to the specific requirement of each project and the background of the student. A formal outline of the unit outlining objectives, content and assessment relevant to the individual course of study will be developed by the supervisor and approved by the Head of School. Content may include active par-

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participation in tutorials, workshops and laboratory/field techniques and components of advanced level undergraduate units. If components of advanced level undergraduate units are included, they should not contribute more than 70% of the total assessment.

**Courses:** IF49, SC71, SC80

**Credit points:** 12

### ► NSB113 VALUES, CULTURE AND DIVERSITY

This unit will introduce students to the interrelationships between philosophical principles, cultural values, health behaviours and nursing. It will encourage students to consider their own values and the way in which these may impact on their interactions with patients/clients and will present a model for developing cultural safety within their nursing practice. A number of examples from contemporary Australian society will be drawn upon to enable students to understand health events and practices such as birth, health, illness, nutrition and communication from a range of perspectives.

**Courses:** NS40, NS48

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** CA **Semester:** 2

### ► NSB117 NURSING AND THE HEALTH CARE SYSTEM

The evolution of nursing as a discipline, contemporary roles of the nurse, the professional context of nursing practice, and caring and nursing practice are addressed in this unit. Content also includes health and wellness, the health-illness continuum, models of health and illness, and the structure and function of the Australian health care system including characteristics of Australia's health care system.

**Courses:** NS40, NS48

**Contact hours:** 3 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 1

### ► NSB118 HEALTH ASSESSMENT AND NURSING PRACTICE

This unit provides an introduction to critical thinking, problem solving and decision making in nursing practice; and the nursing process and nursing practice; and the nursing process and nursing practice. It considers the role, purpose and scope of nursing assessment for individuals and groups; principles and methods of data collection including symptom/problem exploration; frameworks for data collection; introduction to principles and methods of data analysis; and documentation and presentation of client data.

**Courses:** NS40, NS48, HL40, HL46

**Credit points:** 12

### ► NSB122 CLINICAL PRACTICE 1

This is the first in a series of five clinical practice units that provide the opportunity to experience the practice of nursing in real world settings and to develop the knowledge, attitudes and skills required for safe, competent practice as a beginning level registered nurse. This unit focuses on providing basic care to patients in hospital considering promoting a safe environment for patient care; managing basic care needs of patients and assisting with activities of daily living.

**Courses:** NS40, HL40, HL46

**Contact hours:** Includes 2 weeks off-campus clinical experience

**Credit points:** 12

### ► NSB212 CLINICAL PRACTICE 2

The main areas of content in this unit are: promoting a safe environment for client care, managing more complex patient care needs, and developing a professional approach to practice. Concepts addressed within these areas include; sterile techniques, barrier/reverse barrier nursing, principles of wound management, administration of parenteral medications; problem solving and decision making principles applied to the care of individuals with medical-surgical and mental health dysfunctions; clinical nursing therapeutics related to wound management, administration of fluid and nutritional therapies and techniques to promote oxygenation; principles of milieu, individual, group and family therapy in promoting mental health; values clarification and the provision of nursing care, legal and ethical dimensions

of practice, prioritisation of patient care and time management.

**Courses:** NS40, HL40, HL46

**Prerequisites:** NSB122

**Contact hours:** Includes 4 weeks off-campus clinical experience

**Credit points:** 12

**Campus offered:** CA

### ► NSB222 CLINICAL PRACTICE 3

This unit continues to develop skills in identifying health problems, developing plans of nursing care, delivering care, evaluating client outcomes and understanding of the role of the nurse in the health care team. Particular concepts addressed include: cytotoxic and radiation hazards in the patient care environment; complex wound management, clinical nursing therapeutics related to the administration of blood and blood products, management of colorectal and urinary diversionary procedures, urinary catheterisation, ostomy management; working as a member of the nursing team and management of care for assigned groups of patients.

**Courses:** NS40, HL40, HL46

**Prerequisites:** NSB212

**Contact hours:** Includes 2 weeks off campus clinical experience

**Credit points:** 12

**Campus offered:** KG

### ► NSB223 MENTAL HEALTH NURSING

Nurses need to be able to identify and care for people suffering from mental health problems. Topics addressed in this unit include the mental health continuum and major theoretical approaches to mental illness; understanding and nursing people across the lifespan who suffer from anxiety disorders, personality disorders, bipolar disorder, depression, schizophrenia, substance use and abuse, cognitive impairment disorders, eating disorders; the nurse's role with respect to treatment modalities and assessing mental status; and the experiences of persons living with a mental illness and families caring for someone with a mental illness.

**Courses:** NS40, NS48, HL40, HL46

**Contact hours:** 3 per week for 9 weeks

**Credit points:** 12

**Campus offered:** KG **Semester:** 1

### ► NSB224 RESEARCH APPROACHES IN NURSING

This unit provides an introduction and overview of research in nursing. It covers the purpose of research, the relationship between research and nursing practice, the notion of nursing knowledge, the process of research, ethical issues related to research and strategies for critiquing research reports. Particular emphasis will be placed on selected methodologies that are used to research nursing practice, and quantitative and qualitative data collection and data analysis.

**Courses:** NS40, NS48

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** KG **Semester:** 1

### ► NSB225 PROMOTING HEALTH ACROSS THE LIFESPAN

Concepts addressed in this unit include the exploration of health and wellbeing for individuals throughout the lifespan, families and communities; nursing models of health promotion; factors that influence health beliefs and behaviours, and the capacity to maintain health; principles of health teaching; working with individuals and groups to promote health; the role of the nurse in promoting health with people of all ages (children, adolescents, adults and the elderly), families across the life cycle and groups; promoting health and well being for dying clients and their families.

**Courses:** NS40, NS48, HL40, HL46

**Contact hours:** 3 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 2

### ► NSB312 FAMILY AND COMMUNITY NURSING

Advances in health care provision and consumer participation in health care offers nurses the opportunity to practice in many contexts including the community. Community and family nursing practice interfaces with care provided to individuals in hospital care. Families are an integral

component of care in all contexts and so nurses need to focus care with individuals, the family and the community. Nurses working within a Primary Health care framework and approach to health care need to further develop nursing skills to work effectively with population groups, building and supporting the community in determining their own health care and lifestyles. The unit focuses on family assessment and intervention. Community assessment and intervention is also studied in the context of a Primary Health Care philosophy and health promotion framework that addresses the five action areas of the Ottawa Charter to provide an opportunity for students to develop knowledge and skills in the broadest context of health. The unit will provide students with a theoretical foundation as well as application opportunities through the use of a case study approach. The unit will be of particular interest to students who want to work in community practice areas and equally to those who want to further explore issues related to the integration of hospital and community care.

**Courses:** NS40

**Contact hours:** 3 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 2

### ► NSB321 PROFESSIONAL NURSING DEVELOPMENT

Highlights the explicit link between clinical practice and theoretical knowledge. Post-registration and final semester pre-registration students will be assisted to further develop skills in reflective practice and peer consultation as strategies to support a more critical approach to clinical practice. A variety of topics will be addressed through a combination of self-directed learning activities and small group discussion sessions.

**Courses:** NS40, NS48, HL40, HL46

**Prerequisites:** NSB501

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** KG, EXT **Semester:** 2

### ► NSB322 CLINICAL PRACTICE 4

This unit facilitates the development and application of knowledge and skills necessary for the provision of nursing care in medical/surgical health settings at an advanced level. The unit includes four weeks of off-campus placement. Emphasis is placed on students' communication skills, critical thinking and decision-making skills, technical skills and professional development skills, and the assumption of increased responsibility for patient care.

**Courses:** NS40, HL40, HL46

**Prerequisites:** NSB222

**Contact hours:** 4 weeks off-campus clinical practice

**Credit points:** 12

### ► NSB324 MEDICAL-SURGICAL NURSING 1

The unit explores nursing assessment, care planning and care evaluation necessary for the provision of sound, safe nursing care for people in hospital and home-based settings with health problems related to neurological, sensory, musculo-skeletal dysfunctions, and infectious and immune related disorders. Issues addressed will include peri-operative nursing; acute and chronic pain management; the unconscious patient, post-stroke rehabilitation, and degenerative neurological conditions such as multiple sclerosis, sensory impairment and orthopaedic problems. Principles of nursing people with infectious and immune related disorders will also be covered.

**Courses:** NS40, HL40, HL46

**Prerequisites:** NSB118

**Contact hours:** 3 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 1

### ► NSB333 CLINICAL PRACTICE 5

This final clinical unit is designed to enable consolidation of knowledge and skills necessary for the provision of safe, effective patient care in preparation for a successful transition to beginning level practice as a registered nurse. The unit includes eight weeks off-campus placement. Emphasis is placed on student's proficiency in clinical practice, particularly their communication skills, critical thinking and decision making/problem solving skills, technical skills,

## UNIT SYNOPSES

reflective skills, care management skills and awareness of professional attributes and values.

**Courses:** NS40, HL40, HL46

**Prerequisites:** NSB322

**Contact hours:** Includes 8 weeks off-campus clinical experience

**Credit points:** 24

**Campus offered:** KG

**Semester:** 2

### ► NSB421 INDEPENDENT STUDY

This unit provides students the opportunity to independently explore a body of literature and/or research relevant to an area of interest in nursing. The unit enables students to extend their knowledge and understanding of a topic that is not specifically addressed elsewhere in the course. The emphasis, in this unit, is on the development of independent research, study and analytical skills. These skills are demonstrated first, in an assimilation of a range of materials into a clearly formulated written argument and second, in an oral presentation and discussion of the study material.

**Courses:** NS40

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG

**Semester:** 2

### ► NSB423 MEDICAL-SURGICAL NURSING 2

The content of this unit will cover nursing assessment, care planning and care evaluation necessary to provide sound, safe nursing care for people with in a variety of settings with acute and/or long term health concerns and issues related to the gastro-intestinal, endocrine, genitourinary and integumentary dysfunctions. Issues addressed will include diabetes mellitus, renal failure, inflammatory bowel disorders, burns and wound management.

**Courses:** NS40, HL40, HL46

**Prerequisites:** NSB324, NSB118

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG

**Semester:** 2

### ► NSB424 NURSING THERAPEUTICS

Nurses have a central role in assisting individuals, families and/or groups of people to make informed decisions about their care, supporting them through stressful and traumatic experiences and facilitating them to effectively manage health problems in order to optimise recovery, rehabilitation and/or habilitation. This unit focuses on the development of knowledge, skills and personal attributes that are fundamental to establishing and maintaining therapeutic relationships, educating clients about health care matters and counselling patients and families to promote health and well being.

**Courses:** NS40, NS48, HL46

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG

**Semester:** 2

### ► NSB500 MEDICAL-SURGICAL NURSING 3

The content of this unit will address nursing assessment, care planning and care evaluation necessary to provide sound, safe nursing care for people in a variety of settings with complex acute and/or long term health concerns and issues related to cardiovascular, respiratory and oncological dysfunctions. Particular emphasis will be placed on life threatening illnesses and the provision of high dependency and palliative nursing care. Contemporary research and 'best practice' guidelines will underpin the content of this unit.

**Courses:** NS40, HL40, HL46

**Prerequisites:** NSB324, NSB423

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG

**Semester:** 1

### ► NSB501 POLITICS, TECHNOLOGY AND NURSING

This unit provides an opportunity for students to develop and extend their knowledge about issues that directly inform the role of the health care practitioner. The framework of the unit is the political nature of nursing and the unit content addresses key processes and factors that are impacting on and reshaping nursing practice and health care provision. The subject areas include the changing nature of health care and nursing organisational and educational structures and rapid changes in technology. These political and technological changes require nurse practitioners

to continually re-evaluate the contexts of their practice.

**Courses:** NS40, NS48, HL40, HL46

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG

**Semester:** 1

### ► NSB600 INTRODUCTION TO NURSING CHILDREN AND CHILDBEARING FAMILIES

This unit provides an overview of the theoretical concepts and clinical application principles for practice in the areas in providing nursing and midwifery care for children and childbearing families. The emphasis is upon the childbearing process and the developmental stages of childhood and family dynamics. This is viewed as a normal process of growth and development, which will be affected by social, economic, legal and cultural factors. The focus will be on the promotion and maintenance of health.

**Courses:** NS40, HL40

**Prerequisites:** All 1st and 2nd year NS40 units

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG

**Semester:** 2

### ► NSB602 PAIN MANAGEMENT AND CONTEMPORARY NURSING PRACTICE

Making decisions about patient's pain and its management is a key component of nursing practice across a wide variety of patient groups and clinical settings. This unit examines the concept of pain and explores aspects of the nurse's role in relation to pain relief. It builds on introductory concepts that have been addressed earlier in the program through more detailed exploration of, and reflection upon selected concepts.

**Courses:** NS40

**Prerequisites:** NSB500

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** EXT

**Semester:** 2

### ► NSB603 INTRODUCTION TO CARDIOTHORACIC NURSING

Cardiovascular disorders are commonly encountered by nurses practicing a variety of clinical settings. This unit provides an overview of cardiothoracic nursing and encompasses theoretical concepts specific to this specialty as well as related clinical skills. It builds on introductory concepts that have been addressed earlier in the program through more detailed exploration of and reflection upon selected concepts.

**Courses:** NS40, HL40

**Prerequisites:** NSB500

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG

**Semester:** 2

### ► NSB604 INTRODUCTION TO DEMENTIA AND FAMILY CARE

The growing challenges of caring for increasing numbers of older people experiencing dementia is well documented. Through a focus on Alzheimer's Disease this unit will assist you to respond to the challenges of caring for older people with dementia, and their families, in a community health context.

**Courses:** NS40, HL40

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG

**Semester:** 2

### ► NSB605 NURSING IN A TECHNOLOGICAL WORLD

Technology is of extraordinary importance to nursing and is significant to understanding and practicing within contemporary health care contexts. Nurses are responsible for an increasingly technological orientated health care system dominated by administrative and bureaucratic structures. Nurses in all specialties of practice are required to care for their patients and develop technical knowledge and skills. Nurses are required to not only manipulate machinery and interpret the world around us but take on increasingly varied and complex roles and responsibilities associated with the emergence of technology. Adequate insight into technology is vital for advancing nursing practice, research, theory and education. This unit is designed to establish insight into the link between technology, clinical practice and nursing knowledge, highlight the learning opportunities available in the changing workplace, and model a process of ongoing professional development. The unit

seeks to relate nursing practice to knowledge development associated with technology, the experience of patients and nurses, and the development of a professional and informed understanding of technology. Students gain insight into the relationship between nursing, technology, and the modern health care experience.

**Courses:** NS40, HL40

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG, EXT

**Semester:** 2

### ► NSN002 KEY ISSUES IN CHILD AND YOUTH HEALTH NURSING

This unit addresses contemporary issues in child and youth health, to provide the basis for further study in this field. A Primary Health Care framework will be used to consider issues that impact on the health of children and young people. In addition key policy frameworks will provide direction for study in the unit. The unit will consider the impact of social determinants on child, youth and family health and examine current strategies to address such impacts. Students will have the opportunity to examine local programs and strategies aimed at improving health outcomes.

**Courses:** NS35, NS64, NS85

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG, EXT

### ► NSN003 PRINCIPLES OF PAEDIATRIC, CHILD AND YOUTH HEALTH NURSING

Students in this unit are introduced to issues facing nursing when providing care for children and families in the acute and community service environment. The unit presents an overview of the contemporary health problems faced by the Australian child and family and explores nursing interventions that enhance adaptation and health.

**Courses:** NS35, NS64, NS85

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG, EXT

### ► NSN004 ACUTE PAEDIATRIC NURSING

This unit is designed to provide registered nurses with advanced knowledge and skills to enable them to provide safe and competent care to children experiencing acute paediatric illness. This unit will focus on acute health problems in children, employing clinical assessment, problem solving and critical thinking skills. Following completion of this unit the registered nurse will be able to demonstrate knowledge and skills in the nursing management of acute and chronic health problems within paediatric clinical practice.

**Courses:** NS35, NS64, NS85

**Prerequisites:** NSN003

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG, EXT

### ► NSN005 COMMUNITY CHILD AND YOUTH HEALTH NURSING

This unit is designed to provide a sound basis for nursing practice in the area of community child and youth health. Students will examine contemporary issues relating to their professional role in caring for children, youth and families within the community context. The unit adopts a primary health care approach to examine the nurses' role in primary and secondary prevention, in supporting families in the community and in health education and community development.

**Courses:** NS35, NS64, NS85

**Prerequisites:** NSN003

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG, EXT

### ► NSN006 SPECIALISATION IN PAEDIATRIC, CHILD AND YOUTH HEALTH NURSING

This unit will provide students with clinical knowledge and understanding in a selected area of paediatric or child and youth health speciality. The unit is based on a learning contract that will include both theoretical and clinical learning activities and assessment.

**Courses:** NS35, NS64, NS85

**Prerequisites:** NSN003, NSN002

**Contact hours:** Negotiable

**Credit points:** 12

**Campus offered:** KG, EXT

## UNIT SYNOPSES

### ► NSN311 CLINICAL STUDIES IN MIDWIFERY A

This unit provides the opportunity for students to develop the clinical knowledge and skills in the areas of antenatal, postnatal assessment and care as well as an introduction to the assessment and care for the birthing woman. The focus in this unit is midwifery practice in the area of uncomplicated pregnancy and birth. Clinical activities and focused assessment will enable the student to incorporate theoretical, conceptual and practical knowledge, attitudes and skills required to care for the childbearing woman, her infant and family.

**Courses:** NS68, NS85

**Corequisites:** NSN321

**Contact hours:** 3 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 1

### ► NSN321 FOUNDATIONS OF MIDWIFERY PRACTICE

This unit provides a foundation in the theoretical concepts and clinically applied principles for practice as a midwife. Emphasis is placed on the childbearing process as a normal and non-pathological process, during which the midwife, in collaboration with the woman, family, and other health professionals, provides midwifery care.

**Courses:** NS68, NS85

**Contact hours:** 3 per week **Credit Points:** 12

**Campus offered:** KG

### ► NSN322 COMPLEX ISSUES FOR CHILDBEARING FAMILIES

This unit provides students with an opportunity to develop further and expand on the theoretical knowledge and skills gained in Foundation of Midwifery Practice and Clinical Studies in Midwifery A. The unit requires application of the principles and practices acquired in the prerequisite unit. While childbearing is assumed to be a normal non-pathological process, and inherently safe, it is acknowledged that specialised practitioners must be able to recognise and act on changing events. These changes reflect complications/deviations from the normal.

**Courses:** NS68, NS85

**Prerequisites:** NSN321, NSN311

**Contact hours:** 3 per week **Credit Points:** 12

**Campus offered:** KG

### ► NSN323 CLINICAL STUDIES IN MIDWIFERY B

This unit provides the opportunity for students to consolidate the professional knowledge and skills which they have acquired in other units. Students will be facilitated to incorporate theoretical, conceptual and practical knowledge, attitudes and skills required to care for the childbearing women, her infant and family.

**Courses:** NS68, NS85

**Prerequisites:** NSN321, NSN311

**Corequisites:** NSN322

**Contact hours:** 3 per week **Credit Points:** 12

**Campus offered:** KG

### ► NSN506 CLINICAL PROJECT

This unit offers students the opportunity to implement a project of clinical relevance and value to lead to the resolution of practical issues facing nursing. It advances and extends the student's learning from their clinical speciality and the supporting units.

**Courses:** NS85

**Contact hours:** Negotiated with Course Coordinator

**Credit points:** 24

**Campus offered:** KG, EXT

### ► NSN507 CONTEMPORARY PRACTICE ISSUES

This unit allow students to explore current issues and develop their understanding through application of relevant theoretical frameworks to nursing practice in selected speciality areas. Students undertaking this unit will examine social, political and economic factors that shape and have shaped nursing practice, analyse factors influencing the organisation of nursing practice, and critically apply a theoretical framework to current issues relevant to nursing practice.

**Courses:** NS64, NS85

**Contact hours:** Negotiated with Course Coordinator

**Credit points:** 12

**Campus offered:** KG, EXT

### ► NSN508 ADVANCED READINGS IN NURSING

This unit provides the opportunity for students to access and review a body of literature relevant to an area of individual interest in nursing. Students will extend their knowledge and understanding of a topic which is not specifically addressed elsewhere in the course. In addition, students undertaking this unit will have the opportunity to develop advanced skills information retrieval, critical analysis and writing for publication.

**Courses:** NS64, NS85

**Contact hours:** Negotiated with Course Coordinator

**Credit points:** 12

### ► NSN509 SPECIAL TOPIC

NSN509 Special Topic is a unit that provides students the opportunity to explore in-depth an area of special interest in health and the professions which may be available from local or visiting scholars. Further, the unit offers students learning experiences through a range of educational strategies, for example, individual learning contracts, group learning contracts, group learning encounters and distance mode. The unit enables students to capitalise upon important learning opportunities which otherwise might not be possible.

**Courses:** NS64, NS85, HL88, PU88

**Contact hours:** Negotiated with Unit Coordinator

**Credit points:** 12

### ► NSN515 CLINICAL LEADERSHIP AND MANAGEMENT

This unit aims to extend students' understanding of contemporary issues and trends in the development of leadership in professional practice, strengthen their abilities to provide effective leadership and further develop skills in peer consultation and reflective practice as strategies to support a critical approach to the provision of leadership in the workplace. The unit addresses strategic thinking and planning; organisational and interpersonal communication; decision making; team building; working effectively in teams; multidisciplinary teams; managing conflict; facilitating change; and creating growth-producing work environments. It also addresses nursing perspectives on human resource management; staff allocation; financial management; staff allocation; financial management; budgeting; cost centre management; project development and management; policy development and implementation; and promoting quality outcomes.

**Courses:** NS64, NS85, HL90

**Contact hours:** 3 per week **Credit points:** 12

### ► NSN516 SEXUAL REPRODUCTIVE HEALTH

This unit will bring together current research and evidence-based practice and information as well as, a health-oriented approach to the subject of sexuality and reproduction. The purpose of this unit is to highlight the fundamental issue that even through screening programs have emerged and improved women's health, women continue to have health problems that are unique to them as women. The aim of this unit is for the student to come to the understanding that a woman's sexual health encompasses not only the medical and physical components of sexual activity but a holistic understanding of physical and mental health. These are seen as being influenced by self-esteem, values, culture and socio-economic factors as well as societal influences. This unit aims to increase the knowledge of the student on all aspects of women's sexual health through the format of adult learning principles.

**Courses:** NS34, NS39, NS64, NS85

**Contact hours:** 3 per week **Credit Points:** 12

### ► NSN517 WOMEN'S HEALTH ISSUES

This unit provides students with opportunities to develop and expand their theoretical knowledge and skills in the area of women's health, and utilises the primary health care framework in considering the major objectives for helping

women achieve optimal health as documented in women's health policy. This unit aims to make primary health care professionals aware of the broader social context in which service, delivery and care take place.

**Courses:** NS36, NS64, NS85, HL88, PU88

**Contact hours:** 3 per week **Credit points:** 12

### ► NSN523 CLINICAL STUDIES

This unit aims to further develop and consolidate knowledge and skills in a selected clinical speciality. This unit will enable students to develop their skills in clinical judgement, and decision making in a speciality area of practice, as well as expanding their skills in establishing and maintaining effective relationships with clients and other health professionals. Students will be encouraged to demonstrate a reflective, self-evaluative approach to practice, and develop strategies that would enable the practitioner to facilitate change with respect to their speciality area of practice.

**Courses:** NS64, NS85

**Contact hours:** Negotiable

**Credit points:** 12

### ► NSN622 CONTEXTS OF COMMUNITY PRACTICE

This unit aims to provide students with a broad appreciation of the major components of community practice and the socio-political, economic and historical context within which it operates. Foundation principles of primary health care, including community participation, public health and health promotion are explored analysing the benefits and barriers of each. The student is then encouraged to articulate their vision for the community practice, explore their role within a multi-disciplinary interface, and examine cultural, legal and ethical issues which impact in the context of their own practice.

**Courses:** NS34, NS64, NS85

**Contact hours:** 3 per week **Credit Points:** 12

### ► NSN624 COLLABORATIVE PRACTICE IN THE COMMUNITY

This unit aims to enable students to recognise opportunities and niche markets for partnership development. The skills that the students will learn will assist with the development of partnerships using personal influence and political savvy with other stakeholders. With current finite resource allocation dictating that partnerships must be able to maximise utilisation and creativity in funding, different models of partnerships will be explored and analysed for appropriateness to the students practice needs. The benefits of collaborative relationships within and beyond multidisciplinary partnerships will be debated with visioning to achieve new goals in health care encouraged to result in better outcomes for the client and the community.

**Courses:** NS34, NS39, NS64, NS85

**Contact hours:** 3 per week **Credit Points:** 12

### ► NSN625 PROJECT MANAGEMENT FOR COMMUNITY PRACTICE

Students will achieve considerable insights into the complexity of community development processes in the broader socio-economic boundaries within the community. In developing skills in project management and program planning, implementation and evaluation, students will develop a practice-based foundation for intersectoral collaboration. Community development principles and practice issues which are analysed in application to an area of the students practice, will enable an appreciation of the value of community education and ownership.

**Courses:** NS34, NS39, NS64, NS85

**Contact hours:** 3 per week **Credit Points:** 12

### ► NSN626 DEMETIA AND FAMILY CARE

This unit aims to support aged care practitioners to respond to the challenges of caring for older people with Alzheimer's disease and their families in a community health context. The central focus of this package is a CD-ROM which employs an interactive case study approach to introduce learners to a family situation where an older relative with Alzheimer's disease is being cared for at home.

**Courses:** NS34, NS39, NS64, NS85

**Contact hours:** 3 per week **Credit Points:** 12

► **NSN701 ADVANCED HEALTH ASSESSMENT**

This unit aims to develop an advanced understanding of health assessment in nursing practice. This will be achieved by exploring the theoretical, conceptual and practical knowledge required to effectively assess the individual, family and their environment to provide nursing care within the context of specialist practice.

**Courses:** NS30, NS31, NS33, NS36, NS64, NS85

**Contact hours:** 3 per week **Credit Points:** 12

► **NSN721 KEY ISSUES IN ACUTE AND CRITICAL CARE NURSING**

This clinical unit aims to develop an understanding of nursing practice in a variety of clinical contexts. This will be achieved by exploring the theoretical, conceptual and practical knowledge required to provide effective nursing care within practice domains. Cancer Nursing: This unit covers topics including: cancer control policy and practice; cancer prevention and early detection; epidemiology of cancer; pathophysiological basis of cancer; psychosocial aspects of cancer; overview of major treatment modalities for cancer including surgery; radiotherapy; chemotherapy, biotherapy and transplantation. Intensive Care Nursing: This unit will cover mechanical ventilation, haemodynamic monitoring, advanced life support and pharmacology. Medical/Surgical Nursing: This unit will cover issues pertaining to the key aspects of nursing practice within the medical/surgical context.

**Courses:** NS30, NS31, NS33, NS41, NS64, NS85

**Contact hours:** 3 per week **Credit Points:** 12

► **NSN722 PRINCIPLES OF ACUTE AND CRITICAL CARE NURSING**

This unit aims to develop students' understanding of the theory, process and practice of nursing in a designated speciality area of nursing, to enable them to effectively prevent and manage common health problems experienced by individuals and families within their speciality field. This will be achieved but further exploring the theoretical, conceptual and practical knowledge required to provide effective nursing care within clinical domains. Cancer Nursing: This unit will cover assessment, management and evaluation of common problems experienced by people with cancer including symptoms and side effects of treatment and psychosocial needs. In addition, acute problems such as oncological emergencies and care of the immuno-compromised patient will be addressed. Intensive Care Nursing: This unit will cover specific ICU patient populations such as sepsis, multiple organ failure, burns, liver failure, neurological disorders and specific treatment modalities such as advances in mechanical ventilation and renal replacement therapies. Medical/Surgical Nursing: This unit will cover nursing assessments, intervention and evaluation for common health problems experienced by people in medical/surgical settings.

**Courses:** NS30, NS31, NS33, NS64, NS85

**Prerequisites:** NSN701, NSN721

**Contact hours:** 3 per week **Credit Points:** 12

► **NSN723 SPECIALISATION IN CRITICAL CARE NURSING**

This unit will provide the opportunity for students to further develop and consolidate prior learning in a critical clinical setting of their choice. Students will expand on their theoretical, professional and practical knowledge to assess patients, plan and implement nursing care in a particular critical care nursing environment. Specific areas of study may include intensive care, cardiac care and emergency care.

**Courses:** NS30, NS31, NS33, NS41, NS64, NS85

**Prerequisites:** NSN701

**Contact hours:** 3 per week **Credit Points:** 12

► **NSN725 SPECIALISATION IN MEDICAL/SURGICAL AND CANCER NURSING**

This clinically based unit will provide the opportunity for students to further develop and consolidate prior learning in a clinical setting of their choice. This unit will enable students to discuss

issues and trends occurring in nursing practice in a selected medical/surgical or cancer care environment, and critically analyse the advanced concepts that underpin specialist nursing practice. Students will demonstrate clinical judgement and reflective skills through the application of theoretical concepts to common health problems experienced by clients in a selected medical/surgical or cancer care environment. They will also initiate plans of care to address common needs/problems experienced by clients in this specialist field. Cancer Nursing: Specific areas of study may include chemotherapy nursing practice or palliative care nursing. Medical/Surgical Nursing: This unit will enable students to study a specific area of medical/surgical nursing in more depth, to meet their own learning needs.

**Courses:** NS30, NS31, NS33, NS64, NS85

**Prerequisites:** NSN701

**Contact hours:** Negotiable

**Credit points:** 12

► **NSN801 HEALTH ASSESSMENT IN AGED CARE**

This unit provides aged care practitioners with learning opportunities to develop and expand their understanding of the health care assessment of older adults. Participants will be offered learning opportunities aimed at developing a strong theoretical foundation on which to assess the health care needs of older people. Theoretical knowledge of biophysical and psychosocial aspects of ageing will be applied to the assessment of client situations in order to develop a competent approach to aged care health assessment. The course has been specifically designed to complement health assessment tools which meet workplace needs in a variety of practice contexts - community and residential aged care.

**Courses:** NS39, NS64, NS85

**Contact hours:** 3 per week **Credit Points:** 12

► **NSN821 KEY ISSUES IN AGED CARE**

This unit uses a Primary Health Care approach to examine issues related to the pursuit of healthy ageing. The goal of this unit is to emphasise how individuals, communities, and policy makers can work together to provide appropriate and reliable sources of support for older people in society. Identifying specific incidents and exemplars this unit also highlights the significance of flexible health/aged care policy and community based programs and services.

**Courses:** NS39, NS64, NS85

**Contact hours:** 3 per week **Credit Points:** 12

► **NSN822 PRINCIPLES OF AGED CARE PRACTICE**

This unit critically examines aspects of pathological ageing with consideration of the wider social and policy implications of these morbidities. This unit examines a range of pathologies and associated practice interventions in caring for older people experiencing ill-health. Particular emphasis will be placed upon examining the following common pathologies; rheumatoid/osteoarthritis; fracture; chronic obstruction airways disease; congestive cardiac failure; confusion; delirium; depression; dementia (senile, multi-infarct) and Alzheimer's Disease. The following practice interventions associated with pathological ageing will be examined: constipation; incontinence; blindness; deafness; skin tears/pressure ulcers; diabetes; challenging behaviours associated with mental health conditions. Supporting older people experiencing multiple losses will be reviewed in relation to care strategies including family support. Finally, death and dying in later life is examined with a particular focus upon palliative care, advanced directives, resuscitation and euthanasia.

**Courses:** NS39, NS64, NS85

**Contact hours:** 3 per week **Credit Points:** 12

► **NSN825 THESIS (PART-TIME)**

This unit provides the student with the opportunity to formally extend and synthesise knowledge gained in earlier semesters of the course. The thesis represents an independent piece of research in the student's specific areas of interest in nursing, and is completed under guidance of a supervisor. Students are required as part of their assessment to present a seminar outlining their

research to date. The seminars are held in the second semester of each year.

**Courses:** NS85

**Credit points:** 48

► **NSN850 THESIS (FULL-TIME)**

This unit provides the student with the opportunity to formally extend and synthesise knowledge gained in earlier semesters of the course. The thesis represents an independent piece of research in the student's specific area of interest in nursing, and is completed under the guidance of a supervisor. Students are required as part of their assessment to present a seminar outlining their research to date. The seminars are held in the second semester of each year.

**Courses:** NS85

**Credit points:** 48

► **NSN901 MENTAL HEALTH ASSESSMENT**

This unit covers the principles of mental status examination, psychological testing and social assessment. It also considers the implications of various observational methods and diagnostic interviewing techniques on clinical judgement. On completion of the unit, students should be able to competently administer a set of systematic assessment procedures designed to detect a client's particular problem area(s) of psychosocial functioning; record and interpret assessment data in the standard form of a written appraisal; and comprehend the role of theory in test selection and resultant analysis and recommendations.

**Courses:** NS64, NS85

**Contact hours:** 3 per week **Credit Points:** 12

► **NSN921 KEY ISSUES IN MENTAL HEALTH NURSING**

This unit complements Mental Health Assessment by providing students with the opportunity to apply assessment skills in an acute mental health nursing practice environment. The unit consist of two components - one theoretical and one clinical. The theoretical component concentrates on two major clinical treatment modalities in the management of mental illness, namely psychopharmacology and therapeutic intervention strategies based on process theory. The traditional medical model will be utilised as a means of explaining abnormal or major maladaptive behaviour patterns. The two lecture themes of the program are divided into weekly one-hour sessions. The clinical component will take place at an acute in-patient facility which has a primary focus on mental health problems and mental disorders.

**Courses:** NS64, NS85

**Prerequisites:** NSN901

**Contact hours:** 3 per week **Credit Points:** 12

► **NSN922 COMMUNITY PERSPECTIVES IN MENTAL HEALTH NURSING**

The mainstream of mental health services and provision of community based programs by multidisciplinary mental health teams continues to increase in Australia. An important aim of this unit therefore is to encourage students to understand the political, social and economic changes that are occurring in the delivery of mental health nursing care. Additionally, such expansion of community mental health services demands that nurses develop new and different skills for working with the mentally ill, their carers or family. Critical among these skills is the ability to assist in the development of consumer and carer centred services and outcomes. The clinical component of this unit will take place in a community mental health setting which has mental health problems and mental disorders as a primary focus.

**Courses:** NS64, NS85

**Prerequisites:** NSN921

**Contact hours:** 3 per week **Credit Points:** 12

► **NSN928 COUNSELLING IN MENTAL HEALTH NURSING**

This unit is designed for nurses seeking to develop further knowledge and skills in counselling. It will build upon the existing knowledge and skills which each participant brings. The unit is intended to be practical. The focus will be on integrating new knowledge into existing abilities and providing participants with an opportunity to

## UNIT SYNOPSES

increase their knowledge of the theoretical bases of a variety of counselling approaches.

**Courses:** NS64, NS85

**Contact hours:** 3 per week **Credit Points:** 12

### ► NSN929 CLINICAL INTERVENTION MODALITIES IN MENTAL HEALTH NURSING

This unit is designed to provide an in depth analysis of current practices in the rehabilitation of people with serious mental health problems. It enables students to examine and utilise functional assessments and develop individual service plans. A major emphasis will be placed on the role of nurses as case managers and the importance of this for the adaptation of clients in the community.

**Courses:** NS64, NS85

**Contact hours:** 3 per week **Credit Points:** 12

### ► OPB250 OPTOMETRY 2

This subject covers the fundamental areas of ophthalmic optics, and optometry within the context of health care in Australia. It provides a basic understanding of the concepts of ophthalmic optics together with professional development, ethical responsibilities and the role of optometry.

**Courses:** OP42

**Prerequisites:** MAB140

**Corequisites:** PCB240

**Contact hours:** 5 per week **Credit points:** 12

**Campus offered:** KG **Semester:** 2

### ► OPB350 OPTOMETRY 3

Ophthalmic optics is continued with the study of neutralisation, spectacle lens design and prescribing parameters of lenses and frames. The theory and practice of keratometry, optometers, ophthalmoscopy and retinoscopy are also studied.

**Courses:** OP42

**Prerequisites:** PCB240, OPB250

**Corequisites:** PCB340, OPB351

**Contact hours:** 6 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 1

### ► OPB351 VISUAL SCIENCE 3

A study of the basic visual sciences that underpins the practice of optometry. It covers the optics of the eye, including its basic design, dimensions and retinal quality as well as the psychophysical principles of vision.

**Courses:** OP42

**Prerequisites:** LSB250, PCB240,

**Corequisites:** PCB340, OPB350, OPB352,

**Contact hours:** 5 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 1

### ► OPB352 OCULAR ANATOMY AND PHYSIOLOGY 3

The unit provides information on the ocular anatomy and physiology that underlies the functional measurements made in optometry and their interpretation. It includes the structure and function of the anterior eye and orbit.

**Courses:** OP42

**Prerequisites:** LSB250, LSB275

**Corequisites:** OPB351

**Contact hours:** 5 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 1

### ► OPB450 OPTOMETRY 4

This is a continuation of studies in OPB350, and introduces the theory and practice of clinical techniques used in the examination of the patient and assessing visual functions. The subject is also the initial introduction to the care of patients in the Optometry Clinic.

**Courses:** OP42

**Prerequisites:** OPB350, OPB351, OPB352

**Corequisites:** OPB451, OPB452

**Contact hours:** 5 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 2

### ► OPB451 VISUAL SCIENCE 4

This subject continues studies commenced in OPB351, and provides students with an understanding of spatial, temporal, colour and binocular vision, and their influence on visual performance.

**Courses:** OP42

**Prerequisites:** OPB351, OPB352, OPB350,

**Corequisites:** OPB450, OPB452

**Contact hours:** 5 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 2

### ► OPB452 OCULAR ANATOMY AND PHYSIOLOGY 4

This is a continuation of OPB352. The unit covers the posterior eye, orbit, neural pathways, eye movements, neurophysiology of vision and an introduction to electrophysiological techniques.

**Courses:** OP42

**Prerequisites:** OPB352, OPB351, OPB350

**Corequisites:** OPB451, OPB450

**Contact hours:** 5 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 2

### ► OPB550 DISEASES OF THE EYE 5

This unit provides students with a knowledge and understanding of relevant general diseases and those that affect the eye. It includes general disease principles and processes, referral procedures, genetics, congenital, dystrophic and degenerative eye disease, and the ocular manifestation of general disease.

**Courses:** OP42

**Prerequisites:** OPB450, OPB451, OPB452, LSB492

**Corequisites:** OPB551, OPB552, OPB553

**Contact hours:** 4 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 1

### ► OPB551 OPTOMETRY 5

The student gains an understanding of the theory and practice of essential clinical techniques required to examine patients' eyes and assess visual function. The subject contains vision measurement, objective and subjective refraction, accommodation anomalies and the development and management of refractive errors and binocular vision disorders.

**Courses:** OP42

**Prerequisites:** OPB450, OPB451, OPB452

**Corequisites:** OPB550, OPB552, OPB553

**Contact hours:** 5 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 1

### ► OPB552 ADVANCED OPTOMETRY 5

This unit introduces the student to the theory and practice of advanced clinical techniques of vision assessment. It integrates these with the basic methods learned in OPB350, OPB450 and OPB551 and will give the student a thorough knowledge of all aspects of routine patient management. The unit covers areas such as visual fields, colour vision, gonioscopy, indirect ophthalmoscopy and geriatric optometry.

**Courses:** OP42

**Prerequisites:** OPB450, OPB451, OPB452

**Corequisites:** OPB550, OPB551, OPB553

**Contact hours:** 5 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 1

### ► OPB553 CLINICAL PRACTICE 5

Clinical Practice 5 provides the vehicle for the application of examination techniques learned in previous and concurrent units. Emphasis will be placed on communicating with patients, the fabrication of spectacles, basic contact lens practice and the development of appropriate clinical routines in eye examination.

**Courses:** OP42

**Prerequisites:** OPB450, OPB451, OPB452

**Corequisites:** OPB550, OPB551, OPB552

**Contact hours:** 5 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 1

### ► OPB650 DISEASES OF THE EYE 6

This is a continuation of OPB550 and covers the ocular manifestations of general disease, neuro-ophthalmology, glaucoma, inflammations/infections, tumours and trauma.

**Courses:** OP42

**Prerequisites:** OPB550, OPB551, OPB552, OPB553

**Corequisites:** OPB651, OPB652, OPB653

**Contact hours:** 5 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 2

### ► OPB651 CONTACT LENS STUDIES

Contact lens design and fitting form the basis of this subject. Both soft and rigid contact lenses are covered together with lens materials, designs, manufacture, fitting assessments and appropriate clinical techniques. The subject also focuses on corneal physiology, patient management and advanced contact lens fitting.

**Courses:** OP42

**Prerequisites:** OPB550, OPB551, OPB552, OPB553

**Corequisites:** OPB650, OPB652, OPB653

**Credit points:** 12

**Campus offered:** KG

**Semester:** 2

### ► OPB652 PHARMACOLOGY

This subject covers both general and ocular pharmacology. It includes pharmacokinetic and pharmacodynamic principles, the mechanisms of action and therapeutic applications of drugs used in the treatment of general and ocular disease, and drugs used to assist in the diagnosis of ocular conditions.

**Courses:** OP42

**Prerequisites:** OPB550, OPB551, OPB552, OPB553

**Corequisites:** OPB650, OPB651, OPB653

**Contact hours:** 5 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 2

### ► OPB653 CLINICAL PRACTICE 6

The subject is a continuation of OPB553, and enables students to apply eye examination techniques in a clinical setting. There is an emphasis on advanced communication skills, patient management and clinical decision-making.

**Courses:** OP42

**Prerequisites:** OPB550, OPB551, OPB552, OPB553

**Corequisites:** OPB650, OPB651, OPB652

**Contact hours:** 6 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 2

### ► OPB750 TOPICS IN OPTOMETRY 7

Students are required to choose a research topic, conduct a literature search on this topic, develop experimental hypothesis, plan and undertake a research project. Students will give oral presentations of their own research project. Presentations on advanced clinical care and decision making skills will include lecture and tutorial presentations and case summaries.

**Courses:** OP42

**Prerequisites:** OPB650, OPB651, OPB652, OPB653

**Corequisites:** OPB751, OPB752, OPB753

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** KG

### ► OPB751 ADVANCED OPTOMETRY 7

This unit provides students with a thorough knowledge of more specialised areas of patient management such as in low vision and paediatric patients.

**Courses:** OP42

**Prerequisites:** OPB650, OPB651, OPB652, OPB653

**Corequisites:** OPB750, OPB752, OPB753

**Contact hours:** 4 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 1

### ► OPB752 CLINICAL PRACTICE 7

This unit enables students to apply knowledge and skills gained in third year to patients presenting for eye examinations, and to make decisions in effective patient management

**Courses:** OP42

**Prerequisites:** OPB650, OPB651, OPB652, OPB653

**Corequisites:** OPB750, OPB751, OPB753

**Contact hours:** 4 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 1

### ► OPB753 SPECIALIST CLINICAL PRACTICE 7

This unit enables students to apply specialist clinical knowledge in the management of patients requiring contact lenses, vision training and low vision care.

**Courses:** OP42

**Prerequisites:** OPB650, OPB651, OPB652, OPB653

**Corequisites:** OPB750, OPB751, OPB752

**Contact hours:** 8

**Credit points:** 12

**Campus offered:** KG

**Semester:** 1

### ► OPB850 TOPICS IN OPTOMETRY 8

Students are required to analyse the results of their chosen research project and write a full report in manuscript form. Oral presentations of the project are given to their peers. Presentations on advanced clinical care and decision making

## UNIT SYNOPSES

skills will include lecture and tutorial presentations and case summaries.

**Courses:** OP42

**Prerequisites:** OPB650, OPB651, OPB652, OPB653

**Corequisites:** OPB751, OPB752, OPB753

**Contact hours:** 4 per week

**Credit Points:** 12

**Campus offered:** KG

**Semester:** 2

### ► OPB851 ADVANCED OPTOMETRY 8

Optometry's role in health care; professional and ethical behaviour; relevant state and federal Acts; professional associations; types of practice; optometric practice and the law. Introduces the basic concepts of eye safety and visual ergonomics

**Courses:** OP42

**Prerequisites:** OPB750, OPB751, OPB752, OPB753

**Corequisites:** OPB850, OPB852, OPB853

**Contact hours:** 4 per week

**Credit Points:** 12

**Campus offered:** KG

**Semester:** 2

### ► OPB852 CLINICAL PRACTICE 8

This unit enables students to consolidate skills developed in OPB752, to increase their knowledge base and achieve surety with decision making involving the management of patients' eye and vision problems.

**Courses:** OP42

**Prerequisites:** OPB750, OPB751, OPB752, OPB753

**Corequisites:** OPB850, OPB851, OPB853

**Contact hours:** 8

**Credit points:** 12

**Campus offered:** KG

**Semester:** 2

### ► OPB853 SPECIALIST CLINICAL PRACTICE 8

This unit continues to consolidate skills developed in OPB753 in specialised clinical areas of contact lenses, low vision and paediatric optometry.

**Courses:** OP42

**Prerequisites:** OPB750, OPB751, OPB752, OPB753

**Corequisites:** OPB850, OPB851, OPB852

**Contact hours:** 8

**Credit points:** 12

**Campus offered:** KG

**Semester:** 2

### ► PCB007 PATIENT CARE IN PROFESSIONAL PRACTICE

Introductory subject emphasising the ethical, legal and clinical accountability of the radiographer for patient care and interpersonal behaviour and skills.

**Courses:** PH38

**Contact hours:** 4 per week

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► PCB101 PHYSICAL SCIENCE

Introduces students to some of the basic concepts in the Physical Sciences by integrating core topics into a number of occupational scenarios. Topics include matter; atomic and molecular structure; chemical reactions and equations; acids, bases, pH; oxidation and reduction; carbon chemistry; organic compounds; chemistry of biological processes; polymers, biomaterials; gases and gas laws; mechanics and motion; forces; momentum and collisions; mechanical energy; conservation laws; thermometry; thermal energy, energy transfer.

**Courses:** ED50, IF27, IF38, IF39, IF61, IF71, IF84, IF86, SC01

**Contact hours:** 4 per week

**Credit points:** 12

**Campus offered:** GP, CA

**Semester:** 1, 2

### ► PCB107 PHYSICS AND QUANTITATIVE TECHNIQUES

Data and error analysis, Geometrical optics: reflection, refraction, dispersion, image formation, optical instruments, photometry. Circuit theory and electronics: DC circuits, AC circuits, semi-conductors, rectifiers and transistors, digital electronics. Waves and acoustics: properties of waves, interference and diffraction of waves, sound waves, measurements of sound.

**Courses:** PH38, SC01

**Contact hours:** 4.5 per week

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► PCB136 ENGINEERING PHYSICS 1C

Introductory unit covering Dynamics (Motion in 1D, Vectors, Newton's Laws, Motion in 2D (in-

cluding circular motion), Uniform circular motion, Work, energy and power Potential energy and conservation of energy, Linear momentum and collisions), Waves, (Oscillatory motion, Wave Motion, Sound Waves, Superposition and standing waves), Geometrical Optics (Reflection, refraction, dispersion, Huygens' principle, Image formation by mirrors and lenses, optical instruments) and Physical Optics (Interference of light, Diffraction). Thermal physics (temperature, thermometry, thermal expansion, heat and thermal energy, heat capacity and specific heat, latent heat, heat transfer).

**Courses:** CE44, CE45, EE41, EE42, EE45, EE48, ME40, ME41, ME42, ME45, ME47

**Contact hours:** 4 per week

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1, 2

### ► PCB140 INTRODUCTORY CHEMISTRY

Matter and its classification; atomic and molecular composition of matter; structure of atoms and molecules and use of the Periodic Table to predict the behaviour of matter.

Chemical bonds and the nature of molecules, chemical composition, chemical reactions, chemical equations and chemical calculations. Representative chemistry of the main group elements, and specifically of carbon. Solution chemistry, acids bases, pH and chemical calculations using solutions. Equilibrium chemical reactions. Oxidation reduction and electrochemistry. Gaseous state of matter and gas laws.

**Courses:** HL42, IF39, IF71, IF84, PU40, SC01

**Credit points:** 12

**Incompatible with:** PCB142

**Campus offered:** GP, CA

**Semester:** 1, 2

### ► PCB141 CHEMISTRY FOR CLINICAL HEALTH PROFESSIONALS

General chemistry: the periodic table; chemical bonding; chemical reactions and stoichiometry; physical chemistry: chemical equilibrium; acids and bases; rates of reactions; energy and reactions; redox reactions and electrochemistry; organic chemistry: introductory organic chemistry, organic functional group chemistry, stereochemistry of organic compounds, heterocyclic chemistry; biologically important organic compounds.

**Courses:** HL43, OP42, PU43

**Contact hours:** 6 per week

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► PCB142 CHEMISTRY 1

Inorganic and general chemistry: nature of matter, chemical reactions and chemical equations, reactions in solution, acids bases and redox reactions; atomic and molecular structure, periodic table and periodicity, atomic electron configurations, chemical bonds and theories of chemical bonding. Physical chemistry: states of matter, gases, chemical equilibrium, equilibria in electrolyte solutions, acids and bases, buffer solutions, colligative properties, colloids, introductory electrochemistry.

**Courses:** ED50, IF29, IF39, IF61, IF71, IF83, IF84, IF86, IF87, LS37, LS50, PU40, PU43, SC01, SC51

**Contact hours:** 5 per week

**Credit points:** 12

**Incompatible with:** PCB140

**Campus offered:** GP

**Semester:** 1, 2

### ► PCB150 PHYSICS 1H

Basic physical measurements, mechanics, heat, waves, acoustics and optics, and the instrumentation used to measure physical parameters.

**Courses:** PU40, PU43, LS37, ED50, SC01, SC51

**Contact hours:** 5 per week

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1, 2

### ► PCB172 PHYSICS FOR SURVEYORS

Measurement - Fundamental and derived quantities, SI units, significant figures and uncertainty in measurements and calculations. Kinematics - vector and scalar quantities, equations of motion. Statics - inertia and change of motion; forces in equilibrium; resolution of forces; application to connected bodies, tension and normal force; balancing. Dynamics - friction; centripetal force; the hoist; impulse and momentum; periodic motion; work and energy. Gravity - Circular motion, centripetal force, gravity, Kepler's Laws, orbits. Fluid Statics - Pressure, Pascal's principle, Archimedes's principle, barometry. Fluid Dynamics

- Fluid flow in pipes and channels; Equation of continuity, Bernoulli's principle, viscous flow and Poiseuille's equation. Flow measurement. Hydraulic models. Pumps and pump characteristics. Optical instruments - Reflection, refraction, total internal reflection, spherical mirrors, thin lenses, transits, theodolites, corner cubes, cameras.

**Courses:** PS47, PS48

**Contact hours:** 4 per week

**Credit points:** 12

**Campus offered:** GP

### ► PCB178 PRINCIPLES OF MEDICAL RADIATIONS

Principles of medical imaging and methods of detection, diagnosis and treatment of cancer.

**Courses:** PH38

**Contact hours:** 5 per week

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► PCB200 CHEMICAL TECHNOLOGY 1

The role of chemical technologist in industry; fundamentals of chemical technology; industrial pollution obligations and monitoring; generic issues eg quality assurance, industrial health and safety.

**Courses:** SC01, SC51

**Prerequisites:** PCB142

**Corequisites:** PCB142

**Contact hours:** 5 per week

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► PCB240 OPTICS 1

A study of selected topics in optics particularly related to aspects of optometry. Topics include geometrical optics in mirrors and lenses, including thick lenses, cylindrical, spherical and toric lenses, colour and colour measurement, photometry, lens aberrations and optical instruments.

**Courses:** OP42

**Contact hours:** 5 per week

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► PCB242 CHEMISTRY 2

Introductory organic chemistry; organic functional group chemistry; stereochemistry of organic compounds; biologically important organic compounds; heterocyclic chemistry; biologically important inorganic compounds; calorimetry - the underlying principle; speed control of chemical and biochemical processes.

**Courses:** ED50, IF29, IF39, IF61, IF71, IF83, IF84, IF86, IF87, LS37, LS50, OP42, PU42, PU44, SC01, SC51

**Corequisites:** PCB142

**Contact hours:** 6 per week

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1, 2

### ► PCB250 PHYSICS 1

Introduces concepts of fields and potentials. General techniques such as the description of physical systems by differential equations and their solution are also covered. Specific topic areas to be covered include: calculus based kinematics and dynamics in one and two dimensions; accelerated frames of reference, 2nd order systems and the forced-damped-harmonic oscillator, gravitational and electromagnetic fields, Newton's law of gravity, Coulomb's law, potentials, static fields - point and distributed sources, Gauss's law, capacitors, Biot-Savart law and Ampere's law, electromagnetic induction and Faraday's law, Lenz's law.

**Courses:** ED50, IF29, IF39, IF61, IF71, IF83, IF84, IF86, SC01

**Prerequisites:** PCB101 or PCB107

**Contact hours:** 5 per week

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► PCB260 PHYSICS 1A

Physical optics including interference, interferometry, Fraunhofer diffraction, Fourier methods, lasers and holograms. Atomic Physics including introductory quantum physics, spectra and the Bohr theory. Introduction to Special Relativity including time dilation and length contraction, Lorentz transformations, Minkowski diagrams and relativistic mass, momentum and energy.

**Courses:** ED50, IF29, IF39, IF61, IF71, IF83, IF84, IF86, SC01

**Prerequisites:** (PCB101 or PCB107), and (MAB100 or SA in Senior Maths C)

**Contact hours:** 4 per week

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

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### ▶ PCB263 PHYSICS 2E

Extension of PCB150 including fluids, AC, DC circuit theory, with emphasis on electronics and instrumentation, fields, modern and nuclear physics. Fluid mechanics. Biomechanics.

**Courses:** ED50, PU40

**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

### ▶ PCB272 RADIATION PHYSICS 1

Electrostatics, electromagnetism, the production of X-rays and their interaction with matter.

**Courses:** PH38

**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

### ▶ PCB276 GENERAL RADIOGRAPHY 1

A program of lectures relating to radiography of the skeletal system.

**Courses:** PH38

**Prerequisites:** LSB145, PCB178

**Corequisites:** LSB245, PCB277

**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

### ▶ PCB277 RADIOGRAPHIC PRACTICE

A program of practical sessions relating to radiography of the skeletal system. A study of the processes involved in the production of a visible image in radiography.

**Courses:** PH38

**Corequisites:** PCB276

**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

### ▶ PCB286 TREATMENT PLANNING 1

Introduction to the techniques of radiotherapy treatment planning.

**Courses:** PH38

**Prerequisites:** PCB178

**Contact hours:** 6 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

### ▶ PCB287 MEGAVOLTAGE THERAPY 1

Introduction to the basic techniques of radiotherapy treatment delivery including beam direction and beam defining devices.

**Courses:** PH38

**Prerequisites:** PCB178

**Corequisites:** LSB241

**Contact hours:** 6 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

### ▶ PCB305 PRINCIPLES OF PHYSICAL CHEMISTRY

Thermodynamics (first, second and third laws; entropy; free energy changes; real gases; heat engines); chemical kinetics (order, molecularity, reaction, mechanisms, Arrhenius equation; complex reactions); phase and colloid chemistry (phase equilibria; one and two component systems; distillation; colloidal dispersions; charged interfaces; sols and gels); macromolecules (molecular architecture; molar mass; solution and solid state properties; polymerisation); bonding (orbitals and energies of the hydrogen atom; many electron atoms; molecular orbitals).

**Courses:** ED50, IF29, IF39, IF71, IF83, IF84, IF86, IF87, SC01, SC51

**Prerequisites:** PCB142

**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** GP

### ▶ PCB314 CONCEPTS IN ANALYTICAL CHEMISTRY

Classical analytical chemistry including titrimetric analysis (neutralimetry, precipitometry, compleximetry and redoximetry); gravimetric analysis; sample preparation; specialist reagents for analytical chemistry usage; instrumental analytical chemistry; absorptometric methods (for example UV-visible spectrophotometry); electroanalytical methods including (conductimetry, potentiometry and electrogravimetry); data handling.

**Courses:** ED50, IF39, IF71, IF83, IF84, IF86, SC01

**Prerequisites:** PCB142

**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1

### ▶ PCB340 OPTICS 3

The application of geometrical optics to selected aspects of optometry including lens form and thickness, contact lenses, spectacle lens design and spherical surfaces; the wave nature of light

with emphasis on interference, interferometry, diffraction and polarisation; the specialised topics of optical processing, lasers and the evaluation of optical systems.

**Courses:** OP42

**Prerequisites:** PCB240

**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1

### ▶ PCB354 STRUCTURE AND MECHANISM IN ORGANIC CHEMISTRY

Organic stereochemistry: ion formation of cyclic compounds; chirality; absolute configuration; racemic and meso compounds. Importance of structure and stereochemistry in natural products such as terpenes, steroids and sugars. Carbohydrate chemistry: monosaccharides, disaccharides and polysaccharides. Applications in selected research areas of drugs, polymers and enzymes. Reaction mechanisms: acid/base theory, polarity, induction effects. Addition reactions; nucleophilic substitution and addition, electrophilic additions. Application to organic synthesis.

**Courses:** ED50, IF29, IF39, IF71, IF83, IF84, IF86, SC01, SC51

**Prerequisites:** PCB242

**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1

### ▶ PCB361 AC THEORY AND ELECTRONICS

Emphasis on the application of theory to practical tasks. Laboratory work will consist of introductory exercises followed by a series of topics to be investigated within the available laboratory times. Specific topics to be covered: steady state and transient AC passive-circuit analysis, power in AC circuits, applications of semiconductor devices, amplifiers and feedback theory, operational amplifiers - ideal and non-ideal properties, oscillators, Introductory digital electronics: gates, flip-flops and counters, active-circuit analysis, active and passive filters.

**Courses:** IF29, IF39, IF71, IF83, IF84, IF86, SC01

**Prerequisites:** (MAB111 or MAB131) and PCB250

**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1

### ▶ PCB362 PHYSICS 2

Integrates and enhances the knowledge gained in earlier units with applications to more interesting and complex systems. Topics include: part A; classical mechanics, rotating systems, Lagrange's equations and Hamiltonian operators, precession. Part B; radiation physics, nuclear disintegration, equilibrium, interaction of radiation with matter, nuclear detectors. Part C; electromagnetism, electric fields, Gauss' law, dielectrics.

**Courses:** ED50, IF29, IF39, IF71, IF83, IF84, IF86, SC01

**Prerequisites:** PCB250 and (MAB132 or MAB112)

**Corequisites:** MAB134

**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1

### ▶ PCB375/1 RADIOGRAPHIC EQUIPMENT

Discussion of design considerations of X-ray generators and specialist radiographic imaging equipment for fluoroscopy, mammography, tomography and mobile radiography.

**Courses:** PH38

**Prerequisites:** PCB272

**Contact hours:** 2 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1

### ▶ PCB375/2 RADIOGRAPHIC EQUIPMENT

An introduction to computer hardware, binary numbers and the digital image. A study of the equipment used in digital fluoroscopy and computed radiography.

**Courses:** PH38

**Prerequisites:** PCB375/1

**Contact hours:** 2 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

### ▶ PCB377 GENERAL RADIOGRAPHY 2

An extension of topics introduced in PCB276 to include more advanced techniques of skeletal

radiography, ward and operating theatre radiography, and examinations using contrast media. A program of practical sessions in skeletal imaging.

**Courses:** PH38

**Prerequisites:** LSB245, PCB276, PCB277

**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1

### ▶ PCB379 CLINICAL RADIOGRAPHY 1

Clinical experiences in radiographic examinations introduced in PCB276 and PCB376. Experience is obtained in approved clinical departments.

**Courses:** PH38

**Prerequisites:** LSB245, PCB276, PCB277

**Corequisites:** PCB379

**Contact hours:** 160 (over 4 weeks)

**Credit points:** 6  
**Campus offered:** GP            **Semester:** 1

### ▶ PCB389 CLINICAL RADIOTHERAPY 1

Clinical experience in radiotherapy related to topics introduced in PCB287 and PCB286. The programs are carried out in approved clinical departments.

**Courses:** PH38

**Prerequisites:** PCB286, PCB287

**Contact hours:** 160 (over 4 weeks)

**Credit points:** 6  
**Campus offered:** GP            **Semester:** 1

### ▶ PCB396/1 RADIOTHERAPY PLANNING AND PHYSICS

An extension of the study of treatment planning introduced in PCB286 to the planning of complex techniques of photon therapy and electron therapy.

**Courses:** PH38

**Prerequisites:** LSB245, PCB286, PCB287

**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1

### ▶ PCB396/2 RADIOTHERAPY PLANNING AND PHYSICS

A study of the measurement and dosimetry of external beam radiotherapy including practical sessions. An introduction to the capabilities of computer hardware and software.

**Courses:** PH38

**Prerequisites:** PCB396/1

**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

### ▶ PCB397 MEGAVOLTAGE THERAPY 2

The principles and applications of megavoltage therapy including techniques for specific sites. Practical exercises are performed in clinical departments.

**Courses:** PH38

**Prerequisites:** LSB245, PCB287

**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1

### ▶ PCB404 SCIENTIFIC PRINCIPLES OF SAFETY

Sources, hazards measurement and protection associated with noise safety, electrical safety and non-ionising and ionising radiation safety.

**Courses:** ED50, IF39, IF83, IF84, IF86, PU40, SC01

**Prerequisites:** PCB263 or PCB250

**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

### ▶ PCB414 INDUSTRIAL AND ENVIRONMENTAL ANALYTICAL CHEMISTRY

Introduction to quality assurance in an analytical chemistry laboratory; international QA standards; analytical methods and method accreditation; sample traceability; calibration, validation and standards; sampling; instrumental techniques (including UV-visible spectrophotometry, fluorimetry, infrared spectroscopy (FT-IR), atomic spectroscopy); chromatography (GC and HPLC). Special Notes: Available both semesters, but for PU40 Semester 1 is preferred.

**Courses:** ED50, IF39, IF71, IF87, PU40, SC01, SC51

**Prerequisites:** PCB142

**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1, 2

### ▶ PCB434 INORGANIC CHEMISTRY

Coordination chemistry; structure and bonding of metal complexes including crystal field and va-



lence bond theories; spectroscopic terms and electronic transitions; solution chemistry and complex equilibria; redox reactions Pourbaix diagrams; HSAB theory; reaction mechanisms of coordination compounds; chemistry of selected non-metals, lanthanides, actinides and precious metals, their extraction from ores and refining.

**Courses:** ED50, IF29, IF39, IF71, IF83, IF84, IF86, SC01, SC51

**Prerequisites:** PCB142

**Contact hours:** 5 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

#### ► PCB444 SPECTROSCOPY

Theory of spectroscopy: electromagnetic radiation, molecular energy levels, width and intensity of spectral lines, dispersive and Fourier transform spectrometers. Rotational spectra: Moment of inertia, diatomic molecules, microwave spectroscopy, selection rules. Rotational and vibrational-rotational spectra: diatomic molecules, anharmonicity, normal modes, selection rules, Born-Oppenheimer Approximation, polyatomic molecules, group frequencies. Electronic spectra: Franck-Condon Principle, vibronic structure, dissociation energies, fates of electronic excited states, laser action. Ultraviolet spectroscopy - electronic transitions,  $\lambda_{max}$  and  $\epsilon$ , chromophores, bathochromic and hypsochromic shifts, sampling. The application of infrared spectroscopy to organic compounds - Hooke's law, classification of vibrations, group frequency tables, fundamental absorption bands, structural influences, effects of molecular association, conjugation, cumulation,  $\alpha$ -substitution, ring and steric strain. Applications to functional group analysis. Sampling. Nuclear magnetic resonance - simple theoretical concepts, classification of nuclei, modern instrumentation, the shielding constant,  $^{13}C$  spectra - concept of magnetic environment, symmetry, advantages and limitations,  $^1H$  spectra, areas and integrals, chemical shifts, tabulated data, Shoolery's rules, coupling, analysis of 1st order spectra, deducing connectivity relationships, Sampling.

**Courses:** ED50, IF29, IF39, IF71, IF83, IF84, SC01, SC51

**Prerequisites:** PCB142, PCB354

**Contact hours:** 5 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

#### ► PCB460 INSTRUMENTATION AND COMPUTATIONAL METHODS

Lecture/tutorial program plus an integrated practical component. The topics include:- transducers, signal conditioning, sources of noise, guarding and shielding, analogue to digital and digital to analogue conversion, computer interfacing, data acquisition, sampling theorem, signal averaging, application of Fourier transforms, signal processing - digital filters, statistics of physical measurements, significance testing, least squares methods, interfacing microcontrollers to analogue circuits, numerical simulation techniques.

**Courses:** IF29, IF39, IF71, IF83, IF84, IF86, SC01

**Prerequisites:** PCB361

**Contact hours:** 5 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

#### ► PCB462 THERMODYNAMICS AND SOLID STATE PHYSICS

Two of the main themes in physics. Part A: Thermodynamic equilibrium and zeroth, first and second laws of thermodynamics, equipartition principle and heat capacities, entropy, concept of irreversibility, Carnot cycle. Part B: Solid state physics, crystal

and lattice structures, reciprocal lattice, x-ray diffraction, Brillouin zones, amorphous materials, lattice dynamics, acoustical and optical phonons, thermal properties of solids, acoustic waves in solids and crystals. Statistical physics, microscopic and quantum approach to entropy, Maxwell-Boltzmann and Fermi-Dirac distributions, Fermi energy and Fermi surface, Bose-Einstein distribution function, Black body radiation.

**Courses:** IF29, IF39, IF71, IF83, IF84, IF86, SC01

**Prerequisites:** PCB250 and (MAB134 or MAB311)

**Contact hours:** 5 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

#### ► PCB469 ASTROPHYSICS 1

History and development of modern astronomy. Physical principles of telescopes: radio, infrared, visible, UV, X-ray, gamma. Gravity wave and neutrino detectors. The sun, solar flares, solar wind, auroras, solar storms and their effects on satellites and communication. Space objects in the solar system: planets, comets, asteroids, meteors, etc. Stellar nuclear physics and classification of stars. Stellar evolution, interstellar medium and nebulae. Doppler measurement of celestial velocities (red and blue shifts). Measurement of astronomical distances. Large scale structure of the universe: galaxies, galactic clusters and super-clusters.

**Courses:** ED50, SC01

**Contact hours:** 5 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

#### ► PCB476 SPECIAL PROCEDURES

Specialised techniques of radiography: the skull, obstetrics, gynaecology, CNS, paediatrics and geriatrics.

**Courses:** PH38

**Prerequisites:** PCB377, PCB379

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

#### ► PCB477 COMPLEMENTARY IMAGING TECHNIQUES

The physical principles, equipment and applications of medical ultrasound and nuclear medicine imaging.

**Courses:** PH38

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

#### ► PCB479 CLINICAL RADIOGRAPHY 2

Clinical experience in approved departments in radiographic examinations discussed in PCB376.

**Courses:** PH38

**Prerequisites:** PCB379

**Corequisites:** PCB476

**Contact hours:** 200 (over 5 weeks)

**Credit points:** 6

**Campus offered:** GP **Semester:** 2

#### ► PCB489 CLINICAL RADIOTHERAPY 2

Clinical experiences in approved departments in techniques of radiation therapy.

**Courses:** PH38

**Prerequisites:** PCB397, PCB389

**Corequisites:** PCB497

**Contact hours:** 200 (over 5 weeks)

**Credit points:** 6

**Campus offered:** GP **Semester:** 2

#### ► PCB495 COMPUTER ASSISTED TREATMENT PLANNING 1

A study of planning hardware and software to include two-dimensional planning. Development of concepts to an advanced level of understanding of computer-assisted optimisation of isodose distributions.

**Courses:** PH38, PH90

**Prerequisites:** PCB386, LSB421

**Corequisites:** PCB497

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

#### ► PCB497 MEGAVOLTAGE THERAPY 3

An extension of the topic introduced in PCB397 to include the full range of treatment by megavoltage therapy for cancer in specific sites. Consideration includes techniques, planning, patient positioning, outlines and measurements. Clinical experience is incorporated in this unit.

**Courses:** PH38

**Prerequisites:** PCB397, PCB389

**Corequisites:** PCB495

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

#### ► PCB505 ADVANCED PHYSICAL CHEMISTRY

Dynamic electrochemistry, electrochemical processes including corrosion; advanced kinetics; quantum mechanics; surfaces and catalysts; statistical mechanics.

**Courses:** ED50, IF29, IF39, IF61, IF71, IF83, IF84, IF86, SC01

**Prerequisites:** PCB305

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

#### ► PCB514 INSTRUMENTAL ANALYSIS

Provides theoretical and practical framework for analysis with advanced instrumental techniques: atomic spectroscopy; mass spectrometry; HPLC; auto-analysers and flow analysis; advanced methods of data analysis: multivariate analysis, pattern recognition, classification and prediction. Complementary practical program.

**Courses:** ED50, IF39, IF71, IF83, IF84, IF86, IF87, SC01, SC51

**Prerequisites:** PCB242, PCB414

**Contact hours:** 5 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

#### ► PCB524 UNIT OPERATIONS

Energy balances; principles of particle mechanics and the unit operations used to process solids; principles of fluid mechanics and the unit operations used to process fluids; principles of heat transfer and the unit operations involving heat transfer; rationale for the design and operation of the many individual processes (or 'unit operations') which together make up a large part of any large scale process.

**Courses:** ED50, IF39, IF71, IF86, SC01, SC51

**Prerequisites:** PCB424

**Contact hours:** 5 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

#### ► PCB548 MEDICAL PHYSICS

Medical imaging and radiation oncology are the two largest areas of employment for medical physicists who are expected to have an understanding of the physical principles and technologies used in these disciplines. Students will undertake a series of lectures that will be augmented by tutorials and laboratory sessions. Specific areas of study will include: imaging with x-rays; imaging with ultrasound; magnetic resonance imaging; nuclear medicine; radiation sources for photon and electron beam therapy; dose distributions including surface and build-up regions; treatment planning for photon beams; radiation dosimetry in radiotherapy.

**Courses:** IF39, IF71, IF83, IF84, IF86, SC01

**Corequisites:** PCB362

**Contact hours:** 5 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

#### ► PCB554 SYNTHESIS AND REACTIVITY IN ORGANIC CHEMISTRY

The principles and practice of synthesis planning; synthetically-useful reactions for interconversions of the common functional groups; carbon-carbon bond formation using organometallic reagents and enolates; selectivity and protection; aromaticity and heterocyclic chemistry.

**Courses:** ED50, IF29, IF39, IF61, IF71, IF83, IF84, IF86, SC01

**Prerequisites:** PCB354, PCB444

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

#### ► PCB561 QUANTUM AND CONDENSED MATTER PHYSICS

Quantum physics provides the basis for understanding the structure of nuclei, atoms, molecules and solids. Part A: (Quantum Mechanics) main postulates of quantum mechanics, uncertainty principle, measurements in quantum mechanics, principle of superposition, operators, mathematical approaches in quantum mechanics, Schrödinger equation and its solution, infinite potential well, potential barrier, tunneling effect, quantum oscillator, hydrogen atom, angular momentum, spin, spin-orbit interaction, Hartree theory of multi-electron atoms, electronic transitions in atoms, selection rules, identical particles, time-independent perturbation theory. Part B: (Condensed Matter Physics) Fermi energy, Fermi-Dirac distribution, density of states, electrical and thermal conduction, structure of Fermi surface, band structure of solids, Bloch functions, semiconductors, band gap, Hall effect, semiconductor devices, basic principles of superconductivity.

**Courses:** IF29, IF39, IF71, IF83, IF84, IF86, SC01

## UNIT SYNOPSES

**Prerequisites:** PCB462 and (MAB134 or MAB311)

**Contact hours:** 4 per week   **Credit points:** 12  
**Campus offered:** GP           **Semester:** 1

### ► PCB562 PHYSICAL METHODS OF ANALYSIS

The theory and practice of important analysis techniques relevant to the materials sciences will be covered with some examples drawn from industrial processes. Specific topics to be covered: structure of crystals: types of lattice, unit cells, Miller indices, crystal diffraction, reciprocal space. X-ray diffraction, texture and stress analysis, X-ray fluorescence, electron microscopy.

**Courses:** IF29, IF39, IF71, IF83, IF84, IF86, SC01

**Prerequisites:** (MAB112 or MAB132) and PCB462

**Contact hours:** 4.5 per week   **Credit points:** 12  
**Campus offered:** GP           **Semester:** 1

### ► PCB567 ADVANCED RADIOGRAPHIC TECHNIQUE 1

A study of the principles and techniques used in advanced radiographic techniques including angiography, arthrography, sonography and sialography. A study of the appearances of pathology on medical images with particular emphasis on the radiographic image.

**Courses:** PH38

**Prerequisites:** PCB476, PCB479

**Contact hours:** 5 per week   **Credit points:** 12  
**Campus offered:** GP           **Semester:** 1

### ► PCB580/1 CLINICAL RADIOGRAPHY 3

Clinical experience in special radiographic procedures as introduced in PCB476, and general radiography.

**Courses:** PH38

**Prerequisites:** PCB476, PCB479

**Contact hours:** 240 (over 6 weeks)

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► PCB580/2 CLINICAL RADIOGRAPHY 3

Clinical experience in advanced radiographic techniques as introduced in PCB567, and general radiography.

**Courses:** PH38

**Prerequisites:** PCB567, PCB580/1

**Contact hours:** 200 (over 5 weeks)

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► PCB584 FORENSIC EXAMINATION OF PHYSICAL EVIDENCE

An overview of the crime scene: its investigation and management; detection and collection of physical evidence, blood splash evidence, fire investigation, bomb scene, forensic osteology; expert evidence. Forensic photography; fingerprinting; forensic applications of optical and electron microscopy. Substantial laboratory and workshop sessions complement the theory.

**Courses:** ED50, IF39, IF71, IF86, SC01

**Prerequisites:** PCB414

**Contact hours:** 4 per week   **Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► PCB587 SPECIALISED RADIOGRAPHY TECHNIQUE 1

A course of lectures and practical exercises on the specialised techniques of orthovoltage and superficial therapy. A study of radioactivity including methods of radiation detection, radioactive equilibrium and production of radioisotopes, the principles and application of brachytherapy.

**Courses:** PH38

**Prerequisites:** PCB489, PCB497

**Contact hours:** 6 per week   **Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► PCB590/1 CLINICAL RADIOOTHERAPY 3

Clinical experience in specialised radiotherapy technique as discussed in PCB587 and PCB595.

**Courses:** PH38

**Prerequisites:** PCB489

**Contact hours:** 240 (over 6 weeks)

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► PCB590/2 CLINICAL RADIOOTHERAPY 3

Clinical experience in specialised radiotherapy technique as discussed in PCB587 and PCB595.

**Courses:** PH38

**Prerequisites:** PCB590/1

**Contact hours:** 200 (over 5 weeks)

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► PCB593 DIGITAL IMAGE PROCESSING

This unit will provide students with a basic understanding of the computer and programming techniques used in image processing and reconstruction. Specific areas of study will include: the structure of a digital image; image display techniques; grey scale palettes and look-up tables; Fourier transform theory; convolution theory; image processing hardware; image processing techniques, eg analysis, enhancement and restoration; spatial filtering; Fourier space filtering; methods of image reconstruction; applications of image processing in medicine.

**Courses:** IF39, IF71, IF83, IF84, IF86, PH38, PH60, PH71, PH80, SC01

**Prerequisites:** MAB100 or PCB107

**Contact hours:** 4 per week   **Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► PCB595 COMPUTER ASSISTED TREATMENT PLANNING 2

The use of computers in the planning of non-standard and complex radiotherapy treatment including arc and rotation techniques, irregular field techniques and 3 dimensional plans. Use of 3D computer planning system is included.

**Courses:** PH38

**Prerequisites:** PCB495

**Contact hours:** 6 per week   **Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► PCB604 PROJECT

A variety of chemical problems reflecting teaching, research and consultancy interests of the staff.

**Courses:** ED50, IF39, IF71, IF86, SC01, SC51

**Prerequisites:** Two relevant prerequisites from PCB434, PCB505, PCB554, PCB514, PCB524

**Contact hours:** 5 per week   **Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► PCB605 BIOMEDICAL INSTRUMENTATION

Transducers; basic electronics, op amps, amplifiers, noise, and reduction techniques, isolation, analogues to digital techniques, computer interfacing, signal processing, and digital filters. Build your own ECG amplifier and try it out on yourself. Microprocessors, microcomputers, assembly language, interfacing microcontrollers to instruments, data analysis techniques.

**Courses:** ME46

**Contact hours:** 5 per week   **Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► PCB614 ADVANCED ANALYSIS

The theoretical and practical framework of advanced analytical techniques, emphasising the analysis of materials and more difficult samples than those covered in previous units; techniques include hyphenated mass spectrometry, analytical electron microscopy, thermal analysis and vibrational spectroscopy.

**Courses:** SC01, SC51

**Prerequisites:** PCB514

**Contact hours:** 4 per week   **Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► PCB624 CHEMISTRY IN INDUSTRY AND TECHNOLOGY

Industrial processes and technologies involved in the manufacture of materials of industrial and societal importance. Topics include mass transfer operations, metals and alloys, ceramics, inorganic polymers, biopolymers, natural fibres and high technology polymers. The unit includes field trips to various industrial sites and a group problem-solving exercise.

**Courses:** ED50, IF39, SC01, SC51

**Prerequisites:** PCB524

**Contact hours:** 5 per week   **Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► PCB634 ORGANOMETALLIC AND COORDINATION CHEMISTRY

Major topics covered are: organometallic chemistry, including metal-carbon bonding, main group and transition metal organometallics and applications of organometallic compounds in synthetic chemistry; bioinorganic chemistry and physical methods of structure determination, such as single crystal X-ray diffraction; chemical applications of group theory.

**Courses:** ED50, IF29, IF39, IF71, IF83, IF84, SC01

**Prerequisites:** PCB434

**Contact hours:** 5 per week   **Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► PCB644 FRONTIERS IN CHEMISTRY

A selection of topics in advanced chemistry from a range of evolving areas of relevance in modern chemistry and chemical technology such as: trace metal speciation in environmental and biological systems; free-radical chemistry; membrane science and technology but including the important issue of the societal and ethical implications of the profession of chemistry.

**Courses:** ED50, IF29, IF39, SC01, SC51

**Prerequisites:** PCB434, PCB505, PCB554

**Contact hours:** 4 per week   **Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► PCB648 APPLIED RADIATION AND HEALTH PHYSICS

Concepts of ionising and non-ionising radiation including aspects of environmental processes, radiation safety principles and measurement techniques will be developed through a series of lectures that will be supplemented by problem solving tutorials and laboratory sessions. Specific areas of study will include: natural radioactivity; technologically enhanced and artificially produced radioactivity; medical applications of radiation and radioisotopes; radiation gauges and their industrial applications; large gamma irradiation sources; mining and milling of radioactive ores; use of radioactive materials in research and teaching laboratories; ultraviolet, infrared, ELF, RF and microwave radiation; sources, hazards and measurement; measurement of radiation in air and soil samples; radiation surveys; personnel, area and contamination monitoring; dose assessment for workers and members of the public.

**Courses:** IF39, IF71, IF83, IF84, IF86, SC01

**Prerequisites:** PCB362, PCB404

**Contact hours:** 5 per week   **Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► PCB661 EXPERIMENTAL PHYSICS

The content of experiments and projects will vary and be adapted to the interests of each student. Students will work independently on sophisticated laboratory experiments or project work with a minimum of staff direction. Skills developed during this unit include:- communication, problem solving, time management, written and oral presentation, reflective practice, technological literacy and working independently.

**Courses:** IF29, IF39, IF71, IF83, IF84, IF86, SC01

**Prerequisites:** PCB361, PCB460

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► PCB665 PHYSICS 3

This unit extends the content of previous units in electromagnetism and the application of Maxwell's equations, electromagnetic waves, polarisation, dielectric permittivity, transmission line theory, waveguides, optic fibre theory, antennae. The unit also includes a detailed study of magnetic resonance and laser physics, including applications of these topics.

**Courses:** IF29, IF39, IF71, IF83, IF84, IF86, SC01

**Prerequisites:** (MAB134 or MAB311) and PCB362 and PCB462

**Contact hours:** 4 per week   **Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► PCB667 ADVANCED RADIOGRAPHIC TECHNIQUE 2

An extension of topics in advanced radiographic technique. A course of lectures and practical ex-

## UNIT SYNOPSES

ercises on image interpretation including technical and diagnostic quality.

**Courses:** PH38

**Prerequisites:** PCB567

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► PCB669 ASTROPHYSICS 2

General theory of relativity, gravitation, gravitational waves, gravitational lensing, Space-time concept and singularities.

Gravitational collapse, black holes, quasars, neutron stars and pulsars. Cosmology, big bang, evolution of the universe, expanding universe, finite and infinite models of the universe.

Links between particle physics and astrophysics.

**Courses:** SC01

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► PCB672/1 PROJECT

A supervised project involving either application of existing theoretical practical knowledge or a literature survey of a selected relevant topic.

**Courses:** PH38

**Credit points:** 6

**Campus offered:** GP **Semester:** 1

### ► PCB672/2 PROJECT

A supervised project involving either application of existing theoretical practical knowledge or a literature survey of a selected relevant topic.

**Courses:** PH38

**Prerequisites:** PCB672/1

**Credit points:** 6

**Campus offered:** GP **Semester:** 2

### ► PCB675 RADIATION SAFETY AND QUALITY ASSURANCE

A study of the biological effects of ionising and non-ionising radiation and the philosophy and protocol in radiation protection. A study of the principles and techniques used in the quality assurance of medical imaging apparatus and ancillary equipment and image formation evaluation.

**Courses:** PH38

**Contact hours:** 5 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► PCB681 COMPUTED TOMOGRAPHY IMAGING

Lectures, practical exercises and clinical experiences in CT imaging.

**Courses:** PH38

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

### ► PCB682 MAGNETIC RESONANCE IMAGING

Lectures, tutorial exercises in the physical principles and clinical techniques used in magnetic resonance.

**Courses:** PH38, PH60, PH71, PH80

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► PCB684 FORENSIC ANALYSIS AND TOXICOLOGY

This unit provides a theoretical and practical framework for forensic analysis and toxicology. It includes topics such as nature and abuse of drugs; introduction to pharmacology and toxicology; illicit drugs and poisons. Application of GC, HPLC, MS and hyphenated techniques as well as IR; examination of trace evidence. Substantial laboratory and workshop sessions complement the theory.

**Courses:** ED50, IF39, IF71, IF86, SC01

**Prerequisites:** PCB242, PCB514

**Contact hours:** 5 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► PCB687 SPECIALISED RADIOTHERAPY TECHNIQUE 2

A study of specialised radiotherapy techniques including techniques applicable to the child patient and patients with communicable disease, total body photon and electron therapy. A course of lectures on the principles, strengths and stage of development of techniques which are integral or complementary to the modern radiotherapy treatment of cancer.

**Courses:** PH38

**Contact hours:** 6 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► PCB695 ADVANCED TREATMENT PLANNING TOPICS

A study of the principles and techniques of medical imaging used in the detection of cancer including CT, MRI, U/S and NM. This study also covers future directions of three dimensional treatment planning.

**Courses:** PH38

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► PCB700 RESEARCH PROJECT

All students undertaking Honours are required to select and undertake, in consultation with a supervisor, a substantial project in an appropriate area. Each project is assessed on the basis of an extensive written report and an oral presentation.

**Courses:** SC60

**Credit points:** 60

**Campus offered:** GP **Semester:** 1, 2

### ► PCB705 PROJECT

A research project in which the student initiates and undertakes an investigation of some magnitude and originality. Topics are related to research interests in the Centre for Medical and Health Physics, or the School of Physical Sciences.

**Courses:** SC60

**Credit points:** 48

**Campus offered:** GP **Semester:** 1, 2

### ► PCB706 QUANTUM MECHANICS

Review of operators and their role in quantum mechanics, different representations, Dirac notations and linear vector space, matrix approach to quantum mechanics, eigenvalues and eigenvectors, unitary transformations, R- and P-representations, tensor product of states, six postulates of quantum mechanics, concept of measurements, quantum entanglement, density matrix, general theory of angular momentum, two-level systems, non-relativistic theory of spin, spinors, hybrid orbitals and chemical bonding, theory of scattering, Born approximation, partial wave analysis, time-dependent perturbation theory.

**Courses:** SC60

**Prerequisites:** PCB561

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1, 2

### ► PCB707 ADVANCED MATERIALS

Amorphous and nanocrystalline structures; ceramics; metastable interstitial nitrides; composites; superconducting ceramics; fabrication techniques; testing and analysis of advanced materials; shock processing.

**Courses:** SC60

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1, 2

### ► PCB708 ADVANCED TOPICS IN PHYSICS

No more than three topics are included. The content is determined by current research advances, availability of appropriate staff, visiting academics, etc and may vary from year to year.

**Courses:** SC60

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1, 2

### ► PCB742 ELECTIVE STUDIES

The subjects are chosen to suit individual students but the topics studied would normally be in specific areas of physical chemistry, analytical chemistry, inorganic chemistry or organic chemistry and would be chosen from subjects presently offered in the masters program or other post graduate programs. Relevant material from other accredited courses may be included as part or all of the requirement for this subject as directed by the course coordinator and Head of School.

**Courses:** SC60

**Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2

### ► PCB780 ADVANCED TOPICS IN CHEMISTRY 1

First semester component of a two-semester unit covering a selection of advanced topics in the areas of physical, organic and inorganic chemistry. The topics offered reflect the expertise of the

academic staff as well as the needs of the students.

**Courses:** SC60

**Contact hours:** 6 per week **Credit points:** 24  
**Campus offered:** GP **Semester:** 1, 2

### ► PCN112 MEDICAL IMAGING SCIENCE

Introduction to the MATLAB programming language; programming techniques and algorithms and digital image processing. The principles of display, perception and interpretation of medical images. Image quality. Imaging in nuclear medicine.

**Courses:** PH71, PH80, SC60

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► PCN113 RADIATION PHYSICS

Radioactivity and the interaction of ionising radiation with matter; applied radiation counting techniques; radiation detectors; radiation dosimetry.

**Courses:** PH71, PH80, SC60

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

### ► PCN114 MICROPROCESSORS AND INSTRUMENTATION

The capabilities and limitations of a given instrument; design of interfaces between microcomputers and transducers; signal conditioning and signal conversion circuits for data acquisition.

**Courses:** PH71, PH80, SC60

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

### ► PCN159 ULTRASONIC EXAMINATION 1

The normal and abnormal anatomy and functions related to gynaecology and obstetrics, the ultrasonic techniques used and the appearance of related images. A study of the technique used in the ultrasonic examination of the abdomen including the appearance on the ultrasound image of normal abdominal anatomy and its alteration by pathological processes.

**Courses:** PH71, PH80

**Corequisites:** PCN162, PCN197

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

### ► PCN162 PRINCIPLES OF MEDICAL ULTRASOUND

This unit is designed to provide students with a thorough understanding of the physical processes involved in producing an ultrasound image, the features of ultrasound equipment and the role and responsibilities of the sonographer in producing a diagnostic examination. Topics include; general scanning principles and considerations, care of equipment, physics of ultrasound, ultrasound equipment features, image production and processing, artefacts, image recording methods, quality assurance techniques, biological hazards and safety issues, care of the patient and communication issues.

**Courses:** PH71, PH75, PH80, PH85

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP, EXT **Semester:** 1

### ► PCN184 BREAST IMAGING

Medical imaging of the breast; principles of mammographic and sonographic imaging; breast anatomy and physiology; pathological conditions affecting the breast and their appearances; advanced mammographic techniques; mammographic and sonographic quality assurance.

**Courses:** PH60, PH71, PH80

**Prerequisites:** PCN162, PCN187

**Corequisites:** PCN397

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► PCN197 CLINICAL ATTACHMENT 1

A supervised practical program carried out in an approved medical imaging department. Students are required to undertake specified clinical practice as applicable to their area of specialisation and meet minimum requirements of clinical hours and case scope and numbers.

**Courses:** PH60, PH71, PH80

**Corequisites:** PCN159, PCN162

**Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2

## UNIT SYNOPSES

### ► PCN211 PHYSICS OF MEDICAL IMAGING

The physical principles involved in the production of radiographic, ultrasonic and magnetic resonance images; quality control protocols.

**Courses:** PH71, PH80, SC60

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

### ► PCN212 RADIOTHERAPY PHYSICS

Overview of the application of physics to radiotherapy; theoretical and practical aspects of the major topics in radiotherapy physics.

**Courses:** PH71, PH80, SC60

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► PCN214 HEALTH AND OCCUPATIONAL PHYSICS

The philosophy, protocols and practices of safety in the medical and industrial fields; minimisation of hazards associated with radiation, acoustic, electrical and mechanical techniques.

**Courses:** PH71, PH80, SC60

**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► PCN218 RESEARCH METHODOLOGY AND PROFESSIONAL STUDIES

In the rapidly changing technological environment of medical physics, medical imaging and medical ultrasound it is essential that students develop basic research skills, data interpretation skills and written communication skills. Topics include; the research process, data collection and analysis techniques, and writing and evaluating research reports. Students also require knowledge of the professional, basic management, legal and ethical issues involved in their particular speciality area. Topics include; the role and purpose of professional bodies, professional communication, legal and ethical issues, basic professional management techniques and issues.

**Courses:** PH71, PH75, PH80, PH85

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** EXT **Semester:** 2

### ► PCN259 CARDIAC ULTRASOUND 1

The field of medical ultrasound is scientifically based, in an environment that is rapidly changing and undergoing considerable technological advancement. A thorough understanding of the techniques used in the evaluation of the fetal, pediatric and adult heart is essential for professionals working in this field. Topics include; patient preparation and communication requirements, basic electrocardiograph (ECG) patterns, standard ultrasonic imaging planes, standard B-mode views, M-mode ultrasound, B-mode and M-mode calculations, basic hemodynamics and an introduction to Doppler physics and principles.

**Courses:** PH75, PH85

**Credit points:** 12

**Campus offered:** EXT **Semester:** 2

### ► PCN297 CLINICAL ATTACHMENT 2

A period of additional supervised clinical practice designed to expand and refine skills acquired in PCN197.

**Courses:** PH71, PH80

**Prerequisites:** PCN159, PCN197, PCN356

**Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2

### ► PCN356 ULTRASONIC EXAMINATIONS 2

Ultrasound techniques used to examine the head, neck and peripheral organs and the ultrasonic appearance of normal and abnormal anatomy and pathology. Ultrasound techniques in advanced obstetrics and gynaecology and in the abdomen.

**Courses:** PH71, PH80

**Prerequisites:** PCN159, PCN162, PCN197

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► PCN359 CARDIAC ULTRASOUND 2

Cardiac ultrasound (echocardiography) is a highly specialised technique for the assessment of the human heart. This unit extends and builds on the content of PCN259 by introducing concepts and techniques of the complex haemodynamic examinations and discussing the applications of the techniques described to com-

mon pathological clinical situations. Topics include; spectral and colour Doppler examinations, Doppler calculations, assessment of systolic function, introduction to trans-oesophageal echocardiography, echocardiographic assessment of pathological conditions of the heart, and systemic causes of heart disease.

**Courses:** PH75, PH85

**Credit points:** 12

**Campus offered:** GP, EXT **Semester:** 1

### ► PCN397 CLINICAL ATTACHMENT 3

A supervised practical program carried out in an approved medical imaging department. Students are required to undertake specified clinical practice as applicable to their area of specialisation and meet minimum requirements of clinical hours and case scope and numbers.

**Courses:** PH60

**Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2

### ► PCN459 ADVANCED CARDIAC ULTRASOUND

Cardiac ultrasound (echocardiography) is a highly specialised technique for the assessment of the human heart. This unit extends and builds on the content of units PCN259 and PCN359 by introducing more advanced applications of echocardiography. The advanced areas of diastolic function, unusual pathologies, the assessment of congenital heart lesions in the fetus, and pediatric and adult patient, and new and evolving technologies will be covered. Additionally, an overview of other diagnostic methods of the heart will be presented in order to demonstrate the complementary nature of diagnostic testing.

**Courses:** PH75, PH85

**Credit points:** 12

**Campus offered:** GP, EXT **Semester:** 2

### ► PCN497 CLINICAL ATTACHMENT 4

The field of medical ultrasound is scientifically based, in an environment that is rapidly changing and undergoing considerable technological advancement. Cardiac ultrasound (echocardiography) is a highly specialised technique for the assessment of the human heart. This unit is an essential component of the course as it allows the student to be involved in extensive clinical experience that is complementary to all other units in the course. In this unit, basic echocardiographic skills are developed through employment and training in a QUT approved clinical department. Clinical skills are developed and evaluated by QUT approved clinical supervisors, in consultation with QUT academic staff.

**Courses:** PH75, PH85

**Corequisites:** 12

**Campus offered:** EXT **Semester:** 1, 2

### ► PCN520 PROJECT (FT)

The project may take the form of research development, a design, a feasibility study, or the collation of scattered information on a given topic. The project can be undertaken externally under QUT supervision. Time spent on projects is one semester for full-time and two semesters for part-time students.

**Courses:** PH80

**Contact hours:** 18 per week **Credit points:** 48

**Campus offered:** GP **Semester:** 1, 2, 3

### ► PCN540 PROJECT (PT)

The project may take the form of research development, a design, a feasibility study, or the collation of scattered information on a given topic. The project can be undertaken externally under QUT supervision. Time spent on projects is one semester for full-time and two semesters for part-time students.

**Courses:** PH80

**Contact hours:** 9 per week **Credit points:** 48

(24 PT per semester)

**Campus offered:** GP **Semester:** 1, 2, 3

### ► PCN597 CLINICAL ATTACHMENT 5

Cardiac ultrasound (echocardiography) is a highly specialised technique for the assessment of the human heart. This unit is an essential component of the course as it allows the student to be involved in extensive clinical experience that is complementary to all other units in the course. This unit builds on skills, knowledge and

abilities gained in the unit PCN497. In this unit, basic skills are refined and expanded, and advanced echocardiographic skills are developed through employment and training in a QUT approved clinical department. Clinical skills are developed and evaluated by QUT approved clinical supervisors, in consultation with QUT academic staff.

**Courses:** PH75, PH85

**Credit points:** 12

**Campus offered:** EXT **Semester:** 1, 2

### ► PCN640 PROJECT

The project may take the form of research development, a feasibility study, or the collation of disparate, scattered information. The project can be undertaken externally, under QUT supervision. The project would normally be undertaken part-time over 2 semesters.

**Courses:** PH85

**Credit points:** 12

**Campus offered:** EXT **Semester:** 1, 2

### ► PCN701 TOPICS IN ADVANCED CHEMISTRY 1

A series of lectures and/or a reading program and/or selected laboratory exercises designed to provide the student with the appropriate theoretical and practical background, at an advanced level, necessary for the completion of a research program.

**Courses:** SC80

**Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2

### ► PCN705 RESEARCH METHODOLOGY

A guided program of literature surveys to provide the background information for the research project. This unit enables students to develop verbal and oral communication skills required for the successful conduct of a chemical research project. During the course students will be required to attend and participate in seminars. Students must present two seminars on their own research.

**Courses:** SC80

**Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2

### ► PCN710 CHEMICAL INSTRUMENTATION

Chemical instrumentation and electronics required for advanced level operation of scientific instrumentation.

**Courses:** SC80

**Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2

### ► PCN715 ADVANCED TOPICS IN PHYSICS 1

Provides a focused theoretical foundation for each students research program or other advanced topics in physics and develops a high level of theoretical understanding of the physical principles involved.

**Courses:** SC80

**Credit points:** 8

**Campus offered:** GP **Semester:** 1, 2

### ► PCN716 ADVANCED TOPICS IN PHYSICS 2

See PCN715

**Courses:** SC80

**Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2

### ► PCN720 CHEMOMETRICS

The concepts of chemical data acquisition and interpretation; computational methods and existing software packages for statistical analysis in chemistry; statistical methods in quality and process control; sampling procedures; multivariate analysis and optimisation techniques.

**Courses:** SC80

**Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2

### ► PCN730 ADVANCED PHYSICAL METHODS IN CHEMISTRY

The theoretical and practical principles of selected physical methods in chemistry.

**Courses:** SC80

**Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2

## UNIT SYNOPSES

### ► PCN740 LABORATORY TECHNIQUES FOR PREPARATIVE CHEMISTRY

The experimental techniques for the preparation and isolation of pure substances.

**Courses:** SC80

**Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2

### ► PCN801 TOPICS IN ADVANCED CHEMISTRY 2

See PCN701.

**Courses:** SC80

**Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2

### ► PSB102 ELECTIVE STUDIES (L'SCAPE MAJOR)

**Courses:** BN31

**Contact hours:** 3 per week

**Campus offered:** GP **Semester:** 1

### ► PSB411 PLANNING/LANDSCAPE DESIGN 1

Theory: Basic design vocabulary, design principles, design tools, different approaches to design and problem solving. Studio: Projects to encourage an understanding of design - seeing design through the use of line, form, colour, texture, etc, using design principles, and developing critical and creative thinking towards design.

**Courses:** BN31

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► PSB412 COMPUTER SKILLS

Development of understanding, awareness, and appreciation of computers as an aid in data analysis and presentation, basic skills of input, manipulation and examination of output for statistical analysis of data in decision making; the range of information systems and appropriate data analysis software; utilisation as a professional tool.

**Courses:** BN31, PS47, PS48

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► PSB413 GRAPHICS

Graphics as a tool within the planning and design process; as a communicator of results; diagramming; lettering; layout; visual themes; different media and reproduction; scale; legibility; graphic organisation; realism and abstraction; axonometric; perspective; freehand and technical drawing.

**Courses:** BN31

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► PSB414 PROFESSIONAL SKILLS 1

Basic information retrieval skills and presentation; introduction to academic life; learning skills, time management; QUT library as a resource; writing process: types, formats, styles, bibliographic connections; indexing and abstract services; electronic information retrieval; personal file management; evaluating information

**Courses:** BN31, PS47, PS48

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► PSB421 PLANNING/LANDSCAPE DESIGN 2

Introduction to design processes and types of design at various scales; consolidating and extending the habits of visual and creative thinking; understanding and using the basic techniques of site surveying; introduction to the concept of cultural values and personal values. Introduction to understanding each profession in theory and by studio application; development of group interaction.

**Courses:** BN31

**Prerequisites:** PSB411

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► PSB422 ENVIRONMENTAL SCIENCE

The concept of landscape as interacting dynamic systems and processes; role of humans in these systems; awareness of the relevance of environmental issues in the professions. Basic scientific processes and concepts relating to the physical environment; ecosystems and landscape ecology; people in the landscape and sustainability; the built environment professions and environmental impact.

**Courses:** BN31, PS47, PS48

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► PSB423 GROUP DYNAMICS

Basic theories and concepts of psychology and human behaviour: role of self concept, locus of control in transactions, perception, learning processes, problem-solving, hierarchy, and dynamics of working with others. Group process skills: small group communication, verbal /non-verbal languages; listening, assertive and negotiating skills; values, personalities and cultural differences in-group functioning.

**Courses:** BN31

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► PSB424 LAND SCIENCE

This unit consists of 4 elementary modules, which are taken according to the needs of the discipline of study. Module A: spatial referencing, site measurement; use of maps and air photos. Module B: surveying. Module C: science. Module D: statistics. Disciplines: Surveying - Modules A and B. Landscape Architecture - Modules A and C. Urban and Regional Planning - Modules A and D.

**Courses:** BN31, PS47, PS48

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1, 2

### ► PSB431 PLANNING/LANDSCAPE DESIGN 3

Theory - reinforcement of the design process. Character - components, types and delineation. Place/use relationships. Practical - projects requiring application of knowledge and skills reacting to places and their uses, supported by relevant graphic and oral communication techniques. The projects are linked at an urban scale. These proposals are communicated through drawings and illustrated reports. The studio requires an increased emphasis on group work at the investigative stage.

**Courses:** BN31

**Prerequisites:** PSB421, PSB413

**Contact hours:** 4 per week **Credit Points:** 12

**Campus offered:** GP **Semester:** 1

### ► PSB432 HISTORY OF BUILT ENVIRONMENT

Lectures will cover the history of human occupation and use of the land, particularly the design and development of human settlements and the evolution of the professions involved in these activities in a global overview. The unit will cover the historical development of significant designed landscapes throughout the world, from earliest times to the present day, in their social and political contexts, emphasising current ideas and philosophies. This unit provides an introduction to the large body of knowledge, understanding and different interpretations about landscape and planning history.

**Courses:** BN31

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► PSB433 PLANNING PROCESSES (URP ONLY)

Planning as a creative and value-based activity. The problem-solving process which links places, activities and underlying values. Planning method as a progressive and cyclic process, incorporating the logic of conscious planning, identification of problems and issues, the roles and derivation of objectives, analysis and projection of activity systems, resource and issue analysis, synthesis in planning, decision-making, implementation, and evaluation. The emerging fields within community and land use planning. The examples will cover outputs dealing with spatial scale (regional, metropolitan, urban and local) and conceptual scale (strategic visions, program plans, projects, policies).

**Courses:** BN31

**Prerequisites:** PSB414, PSB423

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► PSB434 LANDSCAPE CONSTRUCTION A (L'SCAPE ONLY)

The units comprise three primary components: grading (manipulation of land surfaces); materials and construction elements (development of understanding of the properties and use of common construction materials relevant to landscape construction; introduction to structures (principles of structural mechanics). In all of these components attention will be paid to: development of appropriate technical drawing and documentation techniques for the preparation of construction documentation.

**Courses:** BN31

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► PSB435 SOCIAL AND CULTURAL RELATIONS

Introduction to some of the underlying social relationships and their structures in contemporary Western urbanisation. Application of sociological theories by way of analysis of an urban environment with respect to its socio-cultural functions. Theory of human functioning in urban environment: privacy, personal space, environmental meaning and cognition. Analysis of major concepts in urban life including; concepts and ideas of capitalism, the relation between production and current restructuring of production, social relationship.

**Courses:** BN31

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 1

### ► PSB441 PLANNING/LANDSCAPE DESIGN 4

Theory - reinforcement of site planning and techniques. Development and communication of vision statements, aims and objectives. Designing for sustainable futures ensuring a strong community participation facility. Using design science principles to ensure comfort and fit. The principles of designing for climate, the affects of topography, vegetation, structures, and surface materials are all considered as part of the design solution/s. Practical - the project is based on one location and always involves a specific community group. The project has three stages; analysis of the community structure and its needs, analysis of the settings and its physical potential and constraints and discipline orientated proposals for the community/location improvement. The studio requires a balance of individual and group work and is supported with tutorials on graphics and oral presentation techniques.

**Courses:** BN31

**Prerequisites:** PSB431

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► PSB442 PLANT STUDIES (L'SCAPE ONLY)

Plant Ecology: Resources for studying plants (established and personal herbariums, keys, other locally), classification and nomenclature, evolution of the plant kingdom, plant systematics, plant structure, plant anatomy, plant physiology, form and function, requirements for plant growth, plants and habitats, populations, ecosystems, disturbance, weeds, pattern and diversity. Horticulture: Design characteristics and criteria; use of plants as structural and design elements within the landscape; principles of planting design; scale; design for change, growth, replacement, and maintenance; planting design in typical locations such as streets, parks, urban forecourts, interiors, gardens, foreshores, and broad scale regeneration and stabilisation.

**Courses:** BN31

**Prerequisites:** PSB422

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** GP **Semester:** 2

### ► PSB443 POPULATION AND URBAN STUDIES

Population Studies: Demographic concepts and analytical methods, Demographic trends in Australian cities and its planning implications, Internal migration patterns in Australia, International migration and planning for multi-cultural cities. Urban Studies: Urban concepts and theoretical approaches to urban studies, Internal structure of

## UNIT SYNOPSES

cities and urban hierarchy, Economic restructuring and employment in cities, Small towns in Australia, Gentrification, Housing supply and demand, Residential patterns in Australian cities, Urban landscapes and city images, Sustainable urban development, Urbanisation and housing issues in developing countries.

**Courses:** BN31  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► PSB444 LANDSCAPE CONSTRUCTION B (L'SCAPE ONLY)

The units comprise three primary components: grading (manipulation of land surfaces); materials and construction elements (development of understanding of the properties and use of common construction materials relevant to landscape construction); introduction to structures (principles of structural mechanics). In all of these components attention will be paid to: development of appropriate technical drawing and documentation techniques for the preparation of construction documentation.

**Courses:** BN31  
**Prerequisites:** PSB434  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► PSB445 INFRASTRUCTURE PLANNING (URP ONLY)

Transport studies and the links between land uses and transport. The main modes of transport (eg private vehicle, bus, rail, bicycle) and their requirements and impacts. Methods of predicting future transport patterns. Traditional and innovative techniques of transportation planning and management. Land use planning approaches, which utilise transport management techniques. The effects of transport decision, policies and implementation on the physical, social and cultural environment. Introduction to the basic requirements of human settlements in terms of other 'hard' infrastructure, including planning for community services, water supply, sewerage, electricity, electronic communications and infrastructure financing. Introduction to basic human services planning. The impacts of changing materials and technology on infrastructure and settlements, as well as the possible changes which may occur in the foreseeable future.

**Courses:** BN31  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► PSB451 PLANNING/LANDSCAPE DESIGN 5

Classes will be based on one or at most two projects. For each the work will be carried out for a client (who may be an individual or group) on a specific site. The design(s) will be taken to the concept stage for presentation to the client(s) and others. The project will be carried out through identifiable inter-disciplinary team work. The program for each project will involve developing an understanding of the context of the site and the project, development of clear directions for the project and a clear brief, site and project analysis, concept generation and development, and graphic, verbal and written communication of the proposal(s).

**Courses:** BN31  
**Prerequisites:** PSB441  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

### ► PSB452 PROFESSIONAL SKILLS 2

The sources and importance of systems of values. Appreciation of the diversity of values in modern Australian society. Exploration of relevant codes of professional conduct. Explorations of value based and ethical implications relevant to topical issues of the day, such as land development, conservation, government policies, changing technology, or cultural diversity. Identification of potential sources of conflict in communities and groups. Principles of conflict management. Conflict management processes and techniques related to relevant aspects of professional activity, including community consultation, working with groups, professional teams and the like. Approaches to effective and principled negotiation.

**Courses:** BN31

**Prerequisites:** PSB414  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

### ► PSB453 ELECTIVE 1

Elective Units may be offered by the School or through other Faculties within the University. All Electives are to be approved by the Course Coordinators

**Courses:** BN31  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

### ► PSB461 PLANNING/LANDSCAPE DESIGN 6

This unit requires individual work supported by informal workshops. The content is organised within a community and based upon an area, which has a complex array of uses, constraints and opportunities. Following an overview of the given area and a statement of broad directions for improving the quality of the physical and social environments, each student proposes an individual study topic. The topic theory is then researched and a study area analysis undertaken to develop a brief for development of subsequent proposals. Each student then carries through the brief by developing conceptual and detailed proposals for the study topic. The unit allows each student to interact personally with members of the community and to develop a climax project for their own folio of work.

**Courses:** BN31  
**Prerequisites:** PSB451  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► PSB462 CONSERVATION AND MANAGEMENT

This is a composite unit containing two segments: heritage studies (conservation) and land use policies and evaluation (management). The conservation unit segment deals with the theory and practice behind the conservation of the built and natural environment. The lectures will include an introduction to the Australia ICOMOS' Burra Charter, and cover conservation principles and accepted procedures, methods of researching and recording, assessment of cultural and natural significance, and locally applicable protective heritage legislation. The management unit segment deals with the roles of different levels of government in Australia related to land use policy, explores why public policies are made and by whom, and the implementation and evaluation of land use policies.

**Courses:** BN31  
**Prerequisites:** PSB432  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► PSB463 ELECTIVE 2

Elective units may be offered by the School or through other Faculties within the University. All Electives are to be approved by the Course Coordinators.

**Courses:** BN31  
**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** GP **Semester:** 2

### ► PSB610 GOVERNMENT AND LAW

Study of Australian political institutions and how they affect land development.

**Courses:** PS47, PS48, BN31  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

### ► PSB611 INTRODUCTION TO URBAN AND REGIONAL ECONOMICS

Microeconomics (global and national macroeconomic forces as they affect firms will be outlined); a free market and its imperfections; market failure and the concepts of private and public interest, equity and the role of government; land as an economic concept; economic models of urban land use; valuation theory and concepts of land value, tenure, ownership, resumption, compensation, land use controls and zoning; economics of important town planning issues such as housing, infrastructure, and urban finance; economic growth and stability; optimal size and the problem of externalities; methodolo-

gies such as regional accounting and cost benefit analysis.

**Courses:** PS47, PS48, BN31  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► PSB612 SPATIAL AND LAND INFORMATION MANAGEMENT

Spatial Information Science Application Areas: application areas; resource management; urban and rural planning; cadastral administration; facilities management. System Planning: system planning overview; functional requirements analysis; system evaluation; benchmarking. System Implementation: database creation; implementation issues; implementation strategies. Other Aspects: standards; legal issues; knowledge-based techniques.

**Courses:** PS47, PS48  
**Prerequisites:** PSB631  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1

### ► PSB613 LAND DEVELOPMENT PRINCIPLES AND POLICIES

Principles and policies concerned with sustainability of land development from an economic, ecological and social perspective.

**Courses:** PS47, PS48, BN31  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► PSB614 URBAN AND RURAL DESIGN PRINCIPLES

The history of land development, especially urban land development, in Australia and in Queensland. The effects of technology and social attitudes on urban land development. The physical, economic and social determinants of land use. Land development as an economic activity. Economic and social benefits of land development controls. Site analysis and assessment; opportunities and constraints, sieve mapping, GIS application. The site in its broader context. Spatial models; models for levels of activity and location of activities, optimising models. Elements of traffic planning, road capacities, road hierarchies. Geometric layout of rural and urban roads. Storm water and sewerage drainage for urban subdivisions. Subdivision design; lot geometry, and orientation, road hierarchies and access; open space systems, radburn. Provision and location of services. Detailed treatment of development controls affecting subdivisions - negotiations, applications, appeals. Preparations for Court, precedents.

**Courses:** PS47, PS48  
**Prerequisites:** PSB613  
**Contact hours:** 4 per week **Credit Points:** 12  
**Campus offered:** GP **Semester:** 1

### ► PSB615 URBAN AND RURAL DESIGN PRACTICE

Further work on conventional and innovative subdivision design, integration of road and lot design with engineering works, especially drainage. Subdivision designs and procedures for canal estates, industrial estates, group title, building units and other strata titles. Costing and cash flow analysis for subdivision projects. Feasibility studies, designing to a budget. Preparation of a complete application for a local authority approval.

**Courses:** PS47, PS48  
**Prerequisites:** PSB614  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

### ► PSB620 CADASTRAL SURVEYING AND MAPPING

Land Title Systems, Reinstatement: An explanation of the options of land title systems, with particular reference to Customary Land Tenure, Private Deeds registration, Public Deeds Registration, and Registration of Title. An analysis of reinstatement of property boundaries as applicable to Queensland. Undertaking of a field survey to reinstate the boundaries of a section in the Brisbane Metropolitan area. Preparation of cadastral and detail survey plans for survey actions. The legal aspects of re-instatement of boundaries. Case law associated with re-instatement. Statutory requirements which relate to the zoning and development of land.

## UNIT SYNOPSES

**Courses:** PS47, PS48

**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1

► **PSB621 ADVANCED CADASTRAL SURVEYING**

The need for control in the use of resources. Property rights as a method of resource control. Creating and maintaining knowledge of property rights; including issues concerned with parcel identifiers, land tenure, land boundaries, land subdivision, land registration, changing rights through statutory changes, attitudes and responses of the public. Evidence of property rights, evolution from customary land tenures to land registration systems, and factors leading to breakdown of systems. Effects of technological change on land use, evolving property rights and obligations, and on information technology on land use controls. Procedures of the various departments including but not confined to, the Department of Lands, Resources Industries. Plan registration, Road closure, Resumption surveys, Conversion of Mining tenure to freehold, Conversion of pastoral tenures to freehold, Excision for and of reserves of various kinds. The undertaking of a cadastral survey of moderate complexity in accordance with Surveyors' Board's requirements for registration as a surveyor

**Courses:** PS47, PS48  
**Prerequisites:** PSB620

**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

► **PSB630 CARTOGRAPHY AND DIGITAL MAPPING**

Digital data acquisition: types of digitisers and scanners; raster/vector conversions; digitising techniques; scanning problems; output devices; printers, plotters, scanner plotters, image setters. 3-D representation and precision plotting. Conditions for orthogonality, conformality, equivalence and equidistance Selection of suitable projection. Construction of map projections

**Courses:** PS47, PS48

**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1

► **PSB631 GEOGRAPHIC INFORMATION SYSTEMS 1**

This unit investigates the basic concepts of geographic information systems. Topics to be covered include components of GIS, spatial databases, data acquisition, reference frameworks, use of photographs and images, spatial analysis and graphic output design issues.

**Courses:** PS47, PS48, PS78, PS79

**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

► **PSB632 PHOTOGRAMMETRY**

Basic elements of the photogrammetric mapping process; planning and execution of the project control for Photogrammetry. Mathematics for Photogrammetry, geometry and use of a stereo model; Space Resection of a Single Photograph. Aerotriangulation with Independent method. Block triangulation by bundle method GPS controlled photography. Principles of plotting with a stereoplottter, Rectification of Photographs. Acquisition of plan and height points, accuracy assessment. Digital Mapping and its relationship to Geographic Information Systems and Remote Sensing.

**Courses:** PS47, PS48

**Prerequisites:** PSB631, PSB642

**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

► **PSB633 MAP PRODUCTION: PRINCIPLES AND PRACTICE**

Map design, map production principles; map production practice, map publishing; reprographics and printing methods; desktop publishing, colour system for cartographic drawing; colour separation, grid and gradicules and design layout, interactive mapping and selection of layers, generalisation and symbolisation.

**Courses:** PS47, PS48

**Prerequisites:** PSB632

**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1, 2

► **PSB640 SURVEYING**

This unit will extend the theory and practice of PSB424 Land Science to provide: a foundation in field instrumentation and survey computations: framework for acquisition of a high level of knowledge and practical competence in plane survey computations, use of optical and electronic theodolites, EDM and total electronic station systems; focus on collection/presentation of pre-design contour and detail spatial information.

**Courses:** PS47, PS48

**Prerequisites:** PSB424 (PS47 only)

**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2, 3

► **PSB641 ENGINEERING SURVEYING**

Horizontal and Vertical alignment for route surveys. Areas, volumes and earthworks. Surveying measurements and their assessment, Propagation of Variances, Pre-analysis of survey tasks, Least Squares adjustment methods for various functional and stochastic models.

**Courses:** PS47, PS48

**Prerequisites:** PSB640

**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

► **PSB642 CONTROL SURVEYING AND ANALYSIS**

Reconnaissance for geodetic surveys - formulate mathematical models for the solution of linear and non-linear positioning in one, two and three dimensions. Geodetic observations techniques and reduction of observations. The three classical methods of geodetic surveying, that of triangulation, trilateration and traversing. Precise levelling including instrument testing. Properties of the meridian ellipse. Radii of curvature, meridian arc. Spheroid as a geodetic reference surface, latitude, longitude, geoid separation and ellipsoidal height. Mutual conversion of geodetic and Cartesian co-ordinates.

**Courses:** PS47, PS48

**Prerequisites:** PSB641, MAB730

**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1

► **PSB643 GEODESY**

Theory: Concept and classification of geodesy, the basic concepts of the earth's gravity field, level surfaces and plumb lines, heights, geoid, mean sea level, spherical harmonics etc, fundamentals of satellite geodesy, reference coordinate systems. GPS positioning models and algorithms, software, GPS field observing, various GPS applications in geomatics. Mapping terms and definitions; the mapping problem. Principles for deriving projections. The use of skew graticules. The UTM system

**Courses:** PS47, PS48

**Prerequisites:** PSB642

**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1, 2

► **PSB644 ADVANCED GEODESY**

(a) Theory: GPS operation and navigation messages, GPS observable and error budget, differencing techniques, GPS positioning models and algorithms, software, GPS field observing, Static, Kinematic, RTK and various GPS applications in geomatics (b) Practicals: GPS Network

**Courses:** PS47, PS48

**Prerequisites:** PSB643

**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1, 2

► **PSB645 SURVEYING AND MAPPING PRACTICE**

Field surveys for DTMs as-constructed surveys, associated specifications and standards. Mining surveying for surface and below surface mining activities. Hydrographic surveying for exploration and port management.

**Courses:** PS47, PS48

**Prerequisites:** PSB642

**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

► **PSB650 PROJECT 1**

(1) Students will study an existing approved unit from within the School, Faculty or University. Students will study the chosen unit under the above elective code. Or (2) Students will study a special topic of interest such as a series of lec-

tures delivered by a specialist in that field, in which case a unit outline will be prepared and issued before the commencement of that unit. Students will study under the above elective code. Or (3) In the case of an approved stream of study, students may be allowed to enrol in the actual code of the unit being taken.

**Courses:** PS47, PS48

**Credit points:** 12

**Campus offered:** GP            **Semester:** 1

► **PSB651 PROJECT 2**

(1) Students will study an existing approved unit from within the School, Faculty or University. Students will study the chosen unit under the above elective code. Or (2) Students will study a special topic of interest such as a series of lectures delivered by a specialist in that field, in which case a unit outline will be prepared and issued before the commencement of that unit. Students will study under the above elective code. Or (3) In the case of an approved stream of study, students may be allowed to enrol in the actual code of the unit being taken.

**Courses:** PS47, PS48

**Credit points:** 12

**Campus offered:** GP            **Semester:** 2

► **PSB652 TOPICS IN LAND ADMINISTRATION**

Students will study Topics in Land Administration delivered by a specialist in that field. A unit outline will be prepared and issued before the commencement of that unit.

**Courses:** PS47, PS48

**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

► **PSB653 TOPICS IN SURVEYING ENGINEERING**

Students will study a special topic in Surveying Engineering delivered by a specialist in that field.

**Courses:** PS47, PS48

**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 2

► **PSB654 TOPICS IN SPATIAL INFORMATION SCIENCE**

Students will study Spatial Information Science through a series of lectures delivered by a specialist in that field.

**Courses:** PS47, PS48, PS78, PS79

**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1

► **PSB655 REMOTE SENSING**

History and principals of remote sensing, Types of imagery, image interpretation, satellite systems. Supervised and unsupervised image classification. Interpretation, analysis and presentation of data. Applications in the earth sciences.

**Courses:** PS47, PS48, PS78

**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1, 2

► **PSN211 RESEARCH PROJECT 1**

Ensures the understanding and demonstration of relevant research skills and their effective application in a project of genuine substance and significance. Each student will undertake a Research Project in one of the elected specialisations: Landscape Design, Landscape Planning, Landscape Theory, Landscape Practice, Landscape Management. Each student will be assigned to a supervisor approved by the Course Coordinator. In general, the supervisor will provide guidance on the selection of topic, investigation and research, and preparation of the proposals and submission. Research Project 1 will incorporate advanced Information Retrieval Skills. The output will be a proposal for the specific Research Project which outlines the relevant base theory, and clearly communicates the potential extent of the Research Project.

**Courses:** BN73, DB69, DB73, PS71

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** GP            **Semester:** 1, 2

► **PSN212 RESEARCH PROJECT 2**

Ensures the understanding and demonstration of relevant research skills and their effective application in a project of genuine substance and significance. Each student will undertake a Research Project in one of the elected specialisa-

tions: Landscape Design, Landscape Planning, Landscape Theory, Landscape Practice, Landscape Management. Each student will be assigned to a supervisor approved by the Course Coordinator. In general, the supervisor will provide guidance on the selection of topic, investigation and research, and preparation of the proposals and submission. Research Project 2 requires the completion, communication and presentation of the research project to professional standard.

**Courses:** BN73, PS71, DB73

**Prerequisites:** PSN211

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1, 2, 3

► **PSN213 SPECIALISATION**

This Unit ensures personalised study which will support the student's elected Specialisation and contribute directly to the better understanding of the Research Project topic. Students will undertake study to develop specialised knowledge and skills related to the specific Specialisation and supporting the direction of the proposed Research Project topic. Study may be taken from specific programs offered by the School, or from advanced Units within the University or, where appropriate, through another university or through specialist studies offered by staff in their areas of expertise and approved by the Head of School on the recommendation of the student's supervisor.

**Courses:** PS71,

**Prerequisites:** Completion of any prescribed qualifying units.

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP

► **PSN214 ELECTIVE**

Allows development of depth in understanding of issues related to the elected specialisation. The School may offer specific programs in areas of specialisation or students will elect unit/s from within the University or, where appropriate, from other universities and approved by the Head of School on the recommendation of the student's supervisor and which will give breadth and/or depth within the student's specialisation.

**Courses:** PS69, PS70, PS71

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 1, 2

► **PSN221 ADVANCED SPECIALISATION**

The student develops further the approved specialised topic. Students may apply for approval for a specific Advanced Specialisation utilising units offered elsewhere in QUT or at another tertiary institution which must, for approval, be an extension of the specialisation studied in PSP510 Specialisation in an earlier semester. The Advanced Specialisation is normally linked to the PSN212 Research Project II. Areas of specialisation are Regional and Local Development, Urban Housing and Community Development, Urban Design, Environmental and Resource Planning and Special Topic.

**Courses:** PS70

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **PSN223 SPECIAL TOPICS IN PLANNING METHODS**

Offers support material appropriate to the specialisation the student is undertaking. For example, advanced computer models for economic and demographic forecasting; advanced Geographical Information Systems and advanced computer graphics; regional accounting and regional economic analysis; post-occupancy evaluation of the urban fabric; and possibly advanced presentation and communication techniques.

**Courses:** PS70

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** GP **Semester:** 2

► **PSP211 RESEARCH PROJECT 1 AND ADVANCED RESEARCH METHODS**

Literature reviews. Review of quantitative and qualitative research methodologies. Forecasting and analysis for planning and use of microcomputer statistics, information and analysis packages. Writing a research report. Preparation of a detailed research proposal with clear aims, an

established methodology, a satisfactory outline, and a coherent timeline. Completion of a focused, coherent research project.

**Courses:** PS70, PS72

**Contact hours:** 3 per week **Credit points:** 12

► **PSP261 LANDSCAPE CONSTRUCTION 1**

Introduction to basic equipment for site measurement recording of field data and the preparation of measured site drawings from recorded data. Definition of terms; structural units and types of structures; loadings and types (including wind loading). Manual techniques of land surface manipulation: Development of understanding of the properties of common construction materials and built elements and their application in landscape construction. Appropriate techniques for preparation of construction documents. Costing of broad development types.

**Courses:** PS66, PS71

**Credit points:** 12

► **PSP262 COMMUNICATION AND PRACTICE 1**

Roles and ranges of employment; organisation and activities of the professional Institute; and introduction to the range of professions associated with Landscape Architecture. The concept of professionalism and contemporary social expectation of the profession. Time and percentage measurement and costing related to the professional services of promotion, obtaining commissions, allocating time and resources to projects, the use of consultants; and units of management. A review of the Australian and Queensland Acts, Local Authority By-laws, and regulations of statutory authorities as they affect the profession; legal aspects of land and land transfer; planning, land use, and construction regulations; and an overview of environmental law. Processes of why, when, how and where we use the different forms of visual communication to suit our purposes; the physical processes ie the basic tools, materials and techniques (manual and computer aided). Formal writing techniques including reports, instructions, proposals (including CV/folio), specifications, correspondence, and text for publication. Formal oral communication techniques including meetings, conferences, interviews, professional presentations and other speeches (informative and persuasive). Advanced Information Retrieval skills and communications by email and the World Wide Web.

**Courses:** PS66, PS71

**Credit points:** 12

► **PSP263 LANDSCAPE ECOLOGY**

Structural relationships of spatial elements within land mosaics from continental to landscape scales as interpreted using maps, air photography and remotely sensed images; dynamic process, both natural and human. Fundamental principles of plant anatomy and physiology, plant identification, plant growth and development, sexual and vegetative propagation. Dynamics of individual organisms, populations, communities, functional groups, ecosystems and biomes.

**Courses:** PS66, PS71

**Credit points:** 12

► **PSP264 SPATIAL DESIGN THEORY**

Theories, values, rationales, and philosophies of place; design processes and dimensions; imageability and liveability factors; the role of context (natural, social, aesthetic) in site and urban development. Exploration of open space and place theory at regional to local scales. Theories of user/place relationships and the study of human functioning in environments; concepts of culturally and physically inclusive lifespaces and behaviour settings; techniques for the assessment or evaluation of the environment including observational techniques and the application of these ideas through the use of case studies, exercises, and personal experience in daily life.

**Credit points:** 12

► **PSP265 LANDSCAPE CONSTRUCTION 2**

Introduction to basic equipment for site measurement. recording of field data and the preparation of measured site drawings from recorded

data. Definition of terms; structural units and types of structures; loadings and types (including wind loading). Manual techniques of land surface manipulation: Development of understanding of the properties of common construction materials and built elements and their application in landscape construction. Appropriate techniques for preparation of construction documents. Costing of broad development types.

**Courses:** PS66, PS71

**Credit points:** 12

► **PSP266 COMMUNICATION AND PRACTICE 2**

Introduction to basic equipment for site measurement. recording of field data and the preparation of measured site drawings from recorded data. Definition of terms; structural units and types of structures; loadings and types (including wind loading). Manual techniques of land surface manipulation: Development of understanding of the properties of common construction materials and built elements and their application in landscape construction. Appropriate techniques for preparation of construction documents. Costing of broad development types.

**Courses:** PS66, PS71

**Credit points:** 12

► **PSP267 HERITAGE AND PLANT STUDIES**

Landscape Design History: The evolutionary development of designed landscapes (part of cultural landscapes - those created by human beings) within a global context, highlighting Australia; use of chronological, biographical and thematic approaches to understanding changes. The theory and practice behind the conservation of the built environment, and especially cultural landscape heritage; an introduction to the Venice Charter, the Florence Charter and Australia ICOMOS' Burra Charter; conservation principles and accepted procedures Plant Studies: The contemporary theory and practice behind the use of plants by landscape architects;

**Courses:** PS66, PS71

**Credit points:** 12

► **PSP268 SITE PLANNING**

Theory: introduction to the processes of site planning and detailed site design; role and objectives of survey and analysis phases; types of information required and the methods of processing the resultant data; data analysis, its scope and documentation. The use of data analysis to generate and evaluate possible problem solutions in conceptual form as a basis for strategic and master planning; and the value of these processes as a long term mechanism for adaptation of master planning to meet changing needs. Application of site planning principles and theory for different scales and types of projects;

**Credit points:** 12

► **PSP269 ADVANCED CONSTRUCTION AND PRACTICE 1**

Landscape Construction: theory and techniques of a range of types of landscape construction including platforms, land stability and stabilisation, clearing and demolition, earth dams, lakes and flood levees, sports facilities and swimming pools; hydrology - rainfall and runoff, flood estimation, water flow in streams; hydraulic structures - flood retention and detention, drains, culverts, water flow in pipes; design and construction of dams, weirs and other artificial water bodies; aquatic planting and stabilisation of stream banks; and construction site management. Documentation: the types of documentation used for the implementation of landscape works. Computer Support: Students will be required to apply skills using the computer aided drafting systems. Contracts: principles of contract law, forms of contract, standard conditions of contract and engagement; and specific requirements of contract documents. Management: principles of marketing, client analysis, and promotion.

**Courses:** PS66, PS71

**Credit points:** 12

► **PSP270 ELECTIVE**

The profession of landscape architecture is increasingly characterised by the breadth of activities in which its practitioners engage. Therefore,



## UNIT SYNOPSES

there is a need to provide mechanisms within the course for some specialisation in particular directions in addition to ensuring the acquisition of core competencies required for professional accreditation. This unit is intended to provide that flexibility. Social and Environmental Planning: is an elective stream offered within the Urban and Regional Planning Specialisations and is cross disciplinary with the postgraduate urban and regional planning programs in the school. Contemporary art issues: is an existing 12cp unit, KVB712 Contemporary Art Issues, offered by the Creative Industries Faculty. Virtual environments: in this area of specialisation the school will offer a multi-disciplinary program that utilises the virtual environments capacity of the Synthetic Laboratory to develop advanced skills in the application of these tools.

**Courses:** PS66, PS71, PS77

**Campus offered:** GP

**Semester:** 1, 2

### ► PSP271 ADVANCED LANDSCAPE DESIGN 1

Contemporary theories of urban design as they affect the range of urban landscapes from residential to inner city; and emerging theories and concepts of regional and local economic development as they relate to sustainable landscapes in terms of living and working environments. Application of theoretical frameworks to the studio project that will explore design or re-design of selected aspects of the urban environment, residential environments and broader urban issues of the contemporary urban context. Expectations of an advanced level of professional presentation will attach to the project output.

**Courses:** PS66, PS71

**Credit points:** 12

### ► PSP272 ADVANCED CONSTRUCTION AND PRACTICE 2

Landscape Construction: theory and techniques of a range of types of landscape construction including platforms, land stability and stabilisation, clearing and demolition, earth dams, lakes and flood levees, sports facilities and swimming pools; hydrology - rainfall and runoff, flood estimation, water flow in streams; hydraulic structures - flood retention and detention, drains, culverts, water flow in pipes; design and construction of dams, weirs and other artificial water bodies; aquatic planting and stabilisation of stream banks; and construction site management. Documentation: the types of documentation used for the implementation of landscape works. Computer Support: Students will be required to apply skills using the computer aided drafting systems. Contracts: principles of contract law, forms of contract, standard conditions of contract and engagement; and specific requirements of contract documents. Management: principles of marketing, client analysis, and promotion

**Courses:** PS66, PS71

### ► PSP273 LANDSCAPE PLANNING

Landscape planning theory: the theoretical framework of landscape planning: relevant theories, methods, and techniques for application in the landscape planning process.

Computer Modelling: types of GIS, potentials and problems, and current issues.

Advanced Landscape Ecology: Structure of landscapes, impacts of human settlement.

Studies will include medium to large scale projects involving a range of biophysical, cultural, and visual issues with a relatively high degree of complexity. The focus will be on assessment and evaluation of related landscape attributes and issues with emphasis on deriving landscape management options in the form of environmental plans, policies, guidelines, and implementation strategies.

**Courses:** PS66, PS71

**Credit points:** 12

### ► PSP274 ADVANCED LANDSCAPE DESIGN 2

Cultural Values: provides the theoretical background to an understanding of how cultural values influence place making through interpretations of place and the cultural landscape. Studio: Advanced Landscape Design 2 is the last design unit in the course. It follows Ad-

vanced Landscape Design 1 that introduced the complex multi-disciplinary approach required to study the public and private urban landscape. The studio project focus of this unit will provide the opportunity to develop a graduating landscape design project of the highest standard. The project will explore broadscale landscape design and strategic planning and planning guidelines as well as detailed design at a fine scale. Students will be expected to make time available outside studio hours to visit project site(s) and carry out such site surveys and client interviews as are necessary to establish project briefs and carry out the design project. Expectations of an advanced level of professional presentation will attach to the project output. Communication workshops: active workshops designed to explore communication options to achieve a sophisticated, effective and professional standard of presentation on large scale and/or complex work packages. Students unable to participate in the formally organised activity will be required to undertake an approved alternative activity of similar extent and objectives.

**Courses:** PS66, PS71

**Credit points:** 12

### ► PSP275 INTRODUCTORY DESIGN AND GRAPHICS

The modules in this Unit will introduce a basic understanding of design and perception theory, freehand and technical graphics necessary for meaningful participation in professional core studies. By the end of this unit students are expected to, understand basic concepts of perception and basic design techniques and theories, and to develop a design appreciation, design awareness, and a design vocabulary; develop an initial proficiency in freehand and technical drawing and to develop understanding of basic drawing conventions and processes; and develop adequate basic skills to generate confidence for individual progress with style and technique in later study.

**Courses:** BN73, DB69, DB73, PS69, PS69, PS71, PS75, PS76, PS77

**Credit points:** 12

**Semester:** 3

### ► PSP311 PROFESSIONAL PRACTICE MANAGEMENT

Business communication; letters, report writing, correspondence and administration for surveying projects. Oral communication involving interviews, meetings, workshops and seminar presentations. Office management, business operations and finance. Small business and the law including trade practice, contract, taxation, employment and workplace and safety legislation. Professional ethics, professional bodies, the Surveyors Act and Regulations, disciplinary procedures, relationships, clients and marketing. Survey integration and aspects of change in the practice of surveying.

**Courses:** PS68, PS73, PS74

**Contact hours:** 42

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► PSP314 BOUNDARY DEFINITION SURVEYS 1

Land registration requirements; Cadastral history, field procedures and records; Reinstatement theory and practice related to urban and rural boundaries; Field survey work involving the re-definition of urban and rural boundaries; Office reinstatement exercises of increasing complexity to develop the necessary skills in assessing various types of survey problems. Office completion of project work including plan preparation using appropriate computer technology.

**Courses:** PS68

**Contact hours:** 42

**Credit points:** 12

### ► PSP316 SURVEY COMPUTING AND PROCESSING

Understand and use of the DOS operating system and computer programming; Word processing; project management, spreadsheets; Programmable calculators for field use; Surveying and draft-

ing packages; Management and technical applications.

**Courses:** PS68, PS73, PS74

**Contact hours:** 42

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► PSP317 PROPERTY DEVELOPMENT SURVEYS

An examination of the legislation involved with the above. Detailed consideration of urban and rural subdivision design and requirements. Procedures involved with rezoning and subdivision applications. Detailed consideration of building units and group titles developments. Considerations of multiple use development.

**Courses:** PS68

**Contact hours:** 42

**Credit points:** 12

**Semester:** 1

### ► PSP323 PROJECT SITE SURVEYS

Detail surveying; methods, equipment, data requirements and data transfer; Preparation of specifications and estimates of costs; Detail survey field project work; Processing of field data, report and plan presentation. Types of construction and building control surveys and preparation of plans and specifications. Inspection of building construction sites are involved; Receipt of instructions, documentation and communication with contractors. Field procedures including high precision survey and error adjustment techniques involved with construction and building control surveys and construction site set out calculations.

**Courses:** PS68, PS73, PS74

**Contact hours:** 42

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► PSP326 GIS AND GPS

Project work involving the total assessment, planning, costing and preparation of specifications for a comprehensive mapping task. Consideration to GPS theory and practical application of the methods to conventional surveying. Consideration of LIS/GIS Technology and its practical application in conventional surveying practice.

**Courses:** PS68, PS73, PS74

**Contact hours:** 42

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► PSP327 ENGINEERING SURVEYING

Assessment of available technology, configuration of measuring systems and recording of data. Project definition and preparation of specifications including field methodology, documentation requirements of field records and determination and assessment of results. Management of engineering survey projects including determination of costing, preparation of submissions, working with other professionals and dealing with on-site variations. Consideration of specific requirements related to:- long-line survey control; road surveys; flood surveys; curves and batter staking and other marking for construction and road design.

**Courses:** PS68

**Contact hours:** 42 total

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► PSP328 BOUNDARY DEFINITION SURVEYS 2

Reinstatement exercises becoming increasingly more complex and difficult. Field survey project work associated with difficult boundary definition. Field survey project work associated with boundary definition for easement surveys and mining lease surveys.

**Courses:** PS68

**Contact hours:** 42 total

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► PSP329 URBAN DRAINAGE FOR SURVEYORS

Define problems and identify, evaluate, select and apply drainage problem solving skills and techniques in the design and management of an urban subdivision. Revision of hydrostatics and flow concepts, rainfall and run-off concepts, ur-

## UNIT SYNOPSES

ban and street drainage design. Preparation of a drainage design and specifications for a small (eg 20 Lot) urban subdivision.

**Courses:** PS68

**Contact hours:** 42 total

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► PSP330 PROFESSIONAL PRACTICE MANAGEMENT 2

Apply principles involved in the running of a Surveying Practice such as project management, self-management and quality assurance. Contains - planning and organisation; business practices; human resource management; subordinate training; project management principles; self-management principles; quality assurance principles; project implementation.

**Courses:** PS68

**Prerequisites:** PSP311

**Contact hours:** 42 total

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► PSP451 PRODUCTION AND USE OF THE BUILT ENVIRONMENT

This unit investigates the roles and combined effects of the initiators of the built environment, in the public, private and community sectors. The aim of the unit is to provide a synthesised understanding of how the city is created by the priorities and approaches of a variety of professionals, political decision-makers and informal participants. The property, finance and construction industries, the legal and administrative system, the roles and cultures of key professions (including property management, valuing, business, engineering, surveying, planning, architecture, landscape architecture). Urban design techniques such as charrettes and action planning workshops.

**Courses:** BN73, PS69, DB73, DB69

**Contact hours:** 3 per week

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► PSP452 URBAN DESIGN STUDIO A

This studio focuses on the analysis of urban issues in a particular area, and the formulation of appropriate urban design proposals. Issues may include obsolescence, sense of place, conservation, infill, and the dynamism of local/regional/national/global contexts. Methods of urban design guidance, development briefing and control, through regulations and incentives. The development of skills in urban analysis related to the urban design process and effective communication of the results. Where applicable, the unit will incorporate field work, work in other units of the course, and joint/complementary projects with other courses in the Faculty. (NB: this unit will continue the current overlap with the post-graduate Landscape Architecture units PSP219 (12 credit points) and the 6 credit points Cultural Values component of PSP027).

**Courses:** BN73, PS69, DB73, DB69

**Contact hours:** 6 per week

**Credit points:** 24

**Campus offered:** GP

**Semester:** 2

### ► PSP453 URBAN SYSTEMS AND THE PHYSICAL ENVIRONMENT

The relationship between the urban system and the physical environment. Urban services including water, sewerage, drainage, power, telecommunications, transport; controlling authorities, service delivery bodies, planning requirements and controls relevant to urban design. Community services relevant to health, safety and welfare Urban design issues relating to pollution, congestion and mobility. This unit will draw, in part, on PSP504 Urban Systems and Infrastructure (GDURP program).

**Courses:** BN73, PS69, DB73, DB69

**Contact hours:** 3 per week

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► PUB104 INTRODUCTION TO HEALTH SERVICES MANAGEMENT

This is an important unit for students entering or planning to enter the health industry as it is designed to give a broad overview of systems of health care in Australia and their methods of operation. This unit introduces the role of health service managers as members of the health care team; the basic principles of health service man-

agement in health care facilities and beyond as well as the functions of health service managers.

**Courses:** HL46, IF47, PU40, PU43, NS45

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG

**Semester:** 1

### ► PUB105 INTRODUCTION TO FAMILY STUDIES

An introduction to the social sciences (Sociology, Psychology and Anthropology) which underpin the study of the family. Special application to the provision of food, clothing and shelter on the basic need of individuals and families.

**Courses:** ED50

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG

**Semester:** 1

### ► PUB107 SUSTAINABLE ENVIRONMENTS FOR HEALTH

A brief history of environmental health; the current role of environmental health officers within the public health agencies at all levels of government and the principal public health legislation in this state; development of an understanding of introductory law and environmental law, the complexity of environmental systems, the effects of pollutants on such systems and the interdisciplinary approaches needed to address these problems; communicable diseases and environmental health promotion.

**Courses:** IF87, PU40

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG

**Semester:** 1

### ► PUB108 INTRODUCTION TO HEALTH INFORMATION MANAGEMENT

This unit gives an introductory overall view of the field of health information and its management. As well as being of general interest to health professionals, the unit provides a context for the study of contemporary health information and data management practice. The use of information as a strategic, organisational and management resource is highlighted, and a broad appreciation of information and data management procedures and philosophy are provided. Demands on health information managers occasioned by advances in information technology are highlighted.

**Courses:** PU40

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG

**Semester:** 1

### ► PUB112 WORKPLACE HEALTH AND SAFETY

Introduces students to the basic concepts and theoretical framework of occupational health and safety such that they can identify health and safety problems in the workplace; be aware of strategies for dealing with such problems; and become familiar with the legislation, government agencies and health personnel associated with the working environment. Topics covered will include the physical, chemical and biological environments, and ergonomics. The students will also develop knowledge and skills associated with the actual measurement of the physical and chemical working environment and evaluation of the data collected.

**Courses:** PU40

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG, EXT

**Semester:** 1, 2

### ► PUB118 COMPUTER SYSTEMS FOR HEALTH MANAGEMENT

This unit aims to provide an introduction to systems analysis and development. It explores the various technology platforms available (including telecommunications, and the internet) and develops data organisation and management skills relevant to systems within the health industry context.

**Courses:** PU40

**Contact hours:** 4 per week

**Credit Points:** 12

**Campus offered:** KG

**Semester:** 1

### ► PUB201 FOOD AND NUTRITION

Introduction to the history of food and nutrition in Australia; the food system, the food supply: proteins, carbohydrates, fats, vitamins and minerals; food grouping systems; dietary guidelines; the recommended dietary intakes; nutrition through the life cycle; food and nutrition prob-

lems; nutrition as a public health issue; international nutrition issues.

**Courses:** ED50, HL42, HL46, PU40, PU43

**Contact hours:** 4 per week

**Credit Points:** 12

**Campus offered:** KG

**Semester:** 2

### ► PUB203 PRIMARY HEALTH CARE

Introduces students to the principles, strategies and practice of primary health care with special reference to community, family and workplace settings. The importance of health promotion, prevention, empowerment and intersectoral collaboration in primary health care will be examined.

**Courses:** ED50, HL46, NA80, PU40, PU43

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG, EXT

**Semester:** 2

### ► PUB209 HEALTH, CULTURE AND SOCIETY

This unit is concerned with the social and cultural dimensions of health and illness and how they relate to health status and patterns of behaviour. The unit will introduce students to thinking about health from sociological and anthropological perspectives, drawing on relevant concepts and theory to examine selected public health issues. Identifying and addressing social and cultural factors that shape people's health experiences of health, illness and health systems are integral parts of public health practice in terms of reducing health inequalities, delivering appropriate services and ultimately improving population health outcomes.

**Courses:** PU40

**Credit points:** 12

**Campus offered:** KG

**Semester:** 2

### ► PUB220 MEDICAL TERMINOLOGY

Exploration of the language of medicine; analyses medical terms into Latin and Greek word roots, prefixes, suffixes and combining forms. Medical terms which relate to specific body systems are defined, spelled and pronounced accurately; common abbreviations and symbols used in medicine are identified; abstracts from patient records are explained and interpreted in non-technical language.

**Courses:** IF85, PU40

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG

**Semester:** 1

### ► PUB251 CONTEMPORARY PUBLIC HEALTH

Introduction to the philosophy and approach of public health; the traditional public health process; the multidisciplinary nature of public health; health policy and its impact on public health; some recent reformulations of traditional public health approaches including: health promotion, intersectoral action for health and healthy public policy. The role of public health in Australia and overseas, its main discipline components and some of the constraints faced by public health. Deals with groups with special needs and contemporary issues.

**Courses:** HL42, HL46, IF47, IF85, NA80, PU40, PU43, BOralHlth

**Contact hours:** 4 per week

**Credit Points:** 12

**Campus offered:** KG, EXT

**Semester:** 1, 2

### ► PUB298 HEALTH INFORMATION MANAGEMENT 2

This unit builds on knowledge and skills developed in PUB106 in the area of medical record content and design, and medical record department functions. There is an emphasis on analysis and improvement of health information management throughout hospitals. The examination of health information services is broadened to encompass information services to wards, accident and emergency departments, outpatient allied health services, and other specialised hospitals services such as radiology, pharmacy and pathology. Skills in health data management, forms design, and statistical presentation of hospital or health services activities are also developed in this unit.

**Courses:** IF85, PU40

**Prerequisites:** PUB106

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG

**Semester:** 1

## UNIT SYNOPSES

### ► PUB308 ENVIRONMENTAL HEALTH FUNDAMENTALS

This unit builds upon introductory studies in environmental health and the physical sciences by applying their principles to the prevention of disease and the protection and maintenance of public health and safety. This 'theory to practice' is applied in the specific EH practice areas of water treatment, sewage management, dangerous goods management and construction.

**Courses:** IF87, PU40

**Contact hours:** 4 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 1

### ► PUB312 HOME ECONOMICS CURRICULUM STUDIES 1

Provides students with a range of understandings and processes for analysing, interpreting and managing home economics classrooms in order to maximise learning. Long and short term planning is explored with an emphasis on planning, implementing and evaluating lessons using a variety of strategies, resources and assessment techniques. The nature of home economics and how this is manifest in curriculum documents is examined.

**Courses:** ED50

**Prerequisites:** 48 credit points in relevant discipline area

**Contact hours:** 4 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 2

### ► PUB313 DESIGN

Design has a relevance to both the teaching and learning process and the discipline of home economics. In the areas of textiles, food and shelter there is a role for the application of design as well as critical evaluation and communication of the products of design; provides students with generic design knowledge as well as experience in the application of this knowledge in the specific areas of home economics.

**Courses:** ED50

**Contact hours:** 4 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 1

### ► PUB314 EPIDEMIOLOGY AND STATISTICS

Epidemiology is the study of the distribution and determinants of health and disease in the population. This unit examines ways in which epidemiology can identify various causes of health problems, and considers how epidemiology is useful in controlling or preventing the occurrence of disease and injury. The unit begins with the history of disease in human populations and examines how scientific concepts and methods changed our ability to predict, and ultimately to control, many diseases. Students are introduced to a wide range of study designs and measurement methods in areas such as clinical, environmental, genetic and behavioural epidemiology; and we examine how this science can be applied to solving problems in practical settings. One third of this unit focuses on statistical methods. We examine the basic assumptions underlying analysis of quantitative data and use a range of techniques to explore the analysis of information on health and human disease.

**Courses:** IF47, IF85, IF87, HL42, HL46, NS45, PU40, PU43

**Prerequisites:** PUB251

**Contact hours:** 4 per week **Credit Points:** 12  
**Campus offered:** KG, EXT **Semester:** 1

### ► PUB316 RESEARCH METHODS

An understanding of research methodology is essential in the training of all Public Health professionals. This unit explores qualitative and quantitative methods in a variety of health research projects. Specific topics covered in the unit include: Theoretical background to qualitative research; naturalistic and participant observation; unstructured interviews and focus groups, and analysis of qualitative data. The unit examines the core elements of experimental and quasi-experimental designs, and various approaches to the analysis of existing data (secondary analysis, meta-analysis). Some attention is paid to measurement issues, especially assessment of health-related quality of life. The unit also has a practical focus for people who are considering research in the future; students will cover a full

range of issues, from problem formulation, hypothesis generation and ethics, to project planning, logistics, and budgeting. Students will prepare a formal research proposal and learn how to estimate the statistical power of quantitative research projects.

**Courses:** HL46, PU40, PU43

**Prerequisites:** PUB314

**Contact hours:** 4 per week **Credit Points:** 12  
**Campus offered:** KG, EXT **Semester:** 2

### ► PUB321 TEXTILE STUDIES

Scientific understanding and aesthetic aspects of textiles, their selection, use and care, with reference to specific end uses; practical aspects of construction and surface design of textile articles applied to individual textile projects.

**Courses:** ED50

**Contact hours:** 5 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 2

### ► PUB322 HOME ECONOMICS CURRICULUM STUDIES 2

Encourages students to make independent judgements about home economics curriculum decision-making, within syllabus guidelines and broader systems policies concomitant with national and international trends in education and society. Students are given the opportunity to explore current issues and emerging and future trends in home economics and to develop a confident approach to school-based curriculum development. Advanced teaching strategies and current assessment procedures are developed.

**Courses:** ED50

**Prerequisites:** PUB312

**Contact hours:** 5 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 1

### ► PUB324 PODIATRIC MEDICINE 1

This unit provides an introduction to clinical, theoretical and professional aspects of podiatry practice. Students entering the unit begin the transition to the unique and challenging role of clinician, as well as continuing academic learning. Students will be required to apply previous background knowledge, ie, advanced anatomy, biochemistry, physics, etc, in the clinical setting. Student will also be involved in the care of patients attending the University Clinic. The unit is particularly designed to encourage the development of essential graduate skills such as a self-directed approaches to learning, the ability to work as part of a team and the ability to engage in peer review.

**Courses:** PU43

**Prerequisites:** LSB235

**Corequisites:** HMB274

**Contact hours:** 16 (includes clinic work)

**Credit points:** 12

**Campus offered:** KG **Semester:** 1

### ► PUB329 FOUNDATIONS OF HEALTH STUDIES AND HEALTH BEHAVIOUR

The foundations of the discipline of health education, its theoretical framework and concepts of models of health, health education and health promotion. Theories of change are analysed in their application to health education and health promotion practice for a range of professionals.

**Courses:** ED50, HL46, PU40, BOralHlth

**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 1

### ► PUB336 WOMEN'S HEALTH

Exploration of data and current health issues related to women's health; critically evaluates health-related policies, systems and practices in terms of their impact on women's health, internationally and in the Australian context. The social, economic, cultural and political influences on women's health, and the specific needs of sub-populations of women, and critical health issues to enhance women's health.

**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 2

### ► PUB341 NUTRITION EDUCATION

This unit explores the history and philosophy of nutrition education, the theoretical basis of nutrition education, the development, implementation and evaluation of nutrition education programs, the nutrition education for special groups, and the evaluation of nutrition education literature.

**Courses:** ED50, PU43

**Prerequisites:** PUB201

**Contact hours:** 4 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 1

### ► PUB349 FAMILIES AND HOUSEHOLDS

Examination of the family and households in Australia and internationally. Perspectives considered include: structural functionalist, symbolic interactional, conflict and feminist.

**Courses:** ED50

**Prerequisites:** PUB105

**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 1

### ► PUB354 OCCUPATIONAL HEALTH

Exploration of chemical hazards in the working environment, epidemiological principles and practice, and identification of special risk groups in the workforce. Topics include: the pathological bases of disease in humans; chronic occupational disease; occupational skin conditions; respiratory diseases; biological hazards in the work environment (bacteria, parasites, viruses, rickettsia and fungi); chemical and physical stresses and their physiological responses; physiological monitoring principles and practice; special risk groups; epidemiological principles and practice.

**Courses:** PU40

**Prerequisites:** LSB142

**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 1

### ► PUB355 HOSPITALITY STUDIES

The use of relevant management principles, safe and hygienic work practices, effective communication skills, sound nutrition and mastery of techniques in food production and presentation.

**Courses:** ED50

**Contact hours:** 4 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 1

### ► PUB356 CLINICAL CLASSIFICATION

This unit introduces the development of skills in one of the major specialities of health information management: clinical classification of diseases and procedures using the International Classification of Diseases, 10th Revision, Australian Modification (ICD-10-AM). Clinical classification responds to internal and external demands for medical information, for example, in-house research and education, ABS, hospital morbidity data collections, and casemix information systems.

**Courses:** IF85, PU40

**Prerequisites:** PUB220, LSB142, LSB361

**Contact hours:** 4 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 2

### ► PUB361 TEXTILES 2

Continuation of PUB321. An understanding of textile consumer issues is developed by a study of relevant commercial enterprises and the implications for the consumer. Creativity is encouraged by students combining skills in pattern development with advanced techniques in constructing and applying designs to textile articles.

**Courses:** ED50

**Prerequisites:** PUB321

**Contact hours:** 5 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 1

### ► PUB380 CASEMIX MANAGEMENT

History and development of casemix classification systems; structure of DRGs; casemix applications in quality improvement, utilisation review, costing, planning and management; casemix and funding health care services; casemix classification systems for acute inpatients; data quality issues; casemix grouping software; current casemix initiatives and applications.

**Courses:** IF85, PU40

**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** KG, EXT **Semester:** 2

### ► PUB400 ENVIRONMENTAL PROTECTION

The causes, effects, control measures, standards, legislation and management strategies relating to pollution and environmental protection; waste management and contaminated land.

**Courses:** IF87, PU40

**Prerequisites:** PUB107

## UNIT SYNOPSES

**Contact hours:** 4 per week    **Credit Points:** 12  
**Campus offered:** KG                      **Semester:** 2

### ► PUB405 NUTRITION SCIENCE

Nutrition Science examines a range of nutrient and non-nutrient components in our food supply, including the biochemical pathways and physiological effects in the body, possible health implications of deficiency or toxicity and important dietary sources. It integrates nutritional knowledge with the science of biochemistry and clinical physiology and provides the foundation on which further studies in nutrition can be built.

**Courses:** HL42, PU40, PU43

**Prerequisites:** LSB308, PUB201

**Contact hours:** 4 per week    **Credit Points:** 12  
**Campus offered:** KG                      **Semester:** 2

### ► PUB406 HEALTH PROMOTION STRATEGIES

This unit ties together the fundamental health promotion knowledge and constructs covered in earlier units in the Public Health subject area. It builds upon this basis to introduce students to the range of strategies available to a health promotion practitioner. The unit promotes an appreciation of the strengths and weaknesses of different approaches, as well as related administrative factors. This is an essential field of study for those students who wish to work in a health promotion or related field.

**Courses:** HL46, PU40

**Prerequisites:** PUB251

**Contact hours:** 4 per week    **Credit Points:** 12  
**Campus offered:** KG                      **Semester:** 2

### ► PUB407 ENVIRONMENTAL POLLUTION

Measurement, management and control of air, noise and water pollution.

**Courses:** IF87, PU40

**Prerequisites:** NRB300

**Corequisites:** PUB400

**Contact hours:** 4 per week    **Credit Points:** 12  
**Campus offered:** KG                      **Semester:** 2

### ► PUB408 PHYSICAL ERGONOMICS

Ergonomics is the scientific discipline concerned with the fundamental understanding of interactions among humans and other elements of a system and the application of appropriate methods theory and data to improve human well-being and overall system performance. Derived from the Greek ergon (work) and nomos (laws) to denote the science of work ergonomics is a systems-orientated discipline which now extends across all aspects of human activity. Ergonomics promotes a holistic approach in which considerations of physical social organisational environmental and other relevant factors are taken into account. Knowledge of current methods and techniques commonly used in ergonomics is essential for the occupational health and safety professional.

**Courses:** PU40

**Prerequisites:** LSB142

**Contact hours:** 3 per week    **Credit Points:** 12  
**Campus offered:** KG                      **Semester:** 2

### ► PUB409 COMMUNICABLE DISEASE: PREVENTION AND CONTROL

Public health practice was grounded in the study and prevention of communicable diseases, and whilst public health practice has widened in scope, reducing the incidence of both existing and emerging communicable diseases (nationally and internationally) remains one of the greatest challenges to public health practitioners. This unit will examine the influence environmental factors (eg vectors) has on the spread of communicable diseases and how they can be prevented. Immunisation strategies, vaccine preventable diseases, management of immunisation campaigns and communicable disease outbreak management processes will be covered.

**Courses:** IF87, PU40

**Prerequisites:** PUB314

**Corequisites:** LSB415

**Contact hours:** 4 per week    **Credit Points:** 12  
**Campus offered:** KG                      **Semester:** 2

### ► PUB418 HEALTH COMPUTER SYSTEMS

Principles and applications of electronic data processing in health care settings. Computerised health information systems are analysed from a variety of viewpoints including the objectives of the system, specific methods employed to meet user needs, structure in an overall information system, the technology which makes it operative, the data base, and the various ways information is transferred and used in health facilities.

**Courses:** IF47, NS45, PU40

**Prerequisites:** BSB112

**Contact hours:** 3 per week    **Credit Points:** 12  
**Campus offered:** KG                      **Semester:** 2

### ► PUB424 PODIATRIC MEDICINE 2

This unit provides opportunities for the student to increase proficiency in examining and treating patients suffering from common foot conditions, and to continue to increase their awareness of the role of the podiatry profession in the community. The unit also aims to increase student understanding of foot problems by introducing concepts of clinical biomechanics of the lower extremity. The unit is structured to encourage the development of essential graduate skills such as a self-directed approach to learning, the ability to work as part of a team, the ability to engage in peer review and skills in accessing information about podiatry and medicine using various forms of information technology.

**Courses:** PU43

**Prerequisites:** LSB235, PUB324

**Corequisites:** LSB475

**Contact hours:** 16 (includes clinic work)

**Credit points:** 12

**Campus offered:** KG                      **Semester:** 2

### ► PUB456 CLINICAL CLASSIFICATION 2

Students will learn to abstract and interpret the information recorded in client/patient medical records and develop an understanding of the clinician's response to various disease processes and how this information presents in the medical record. A significant component of the unit will involve coding from hospital medical records. Students will become proficient in the art of clinical classification using ICD-10-AM.

**Courses:** IF85, PU40

**Prerequisites:** PUB356

**Contact hours:** 4 per week    **Credit Points:** 12  
**Campus offered:** KG                      **Semester:** 1

### ► PUB474 FOOD STUDIES

The nature and properties of food ingredients and nutrients; their modification and manipulation during food preparation; evaluation of commercial and homemade foods. Interpretation of food standards, and food regulations.

**Courses:** ED50, HL42, PU40, PU43

**Contact hours:** 5 per week    **Credit Points:** 12

**Campus offered:** KG                      **Semester:** 1

### ► PUB480 HEALTH ADMINISTRATION FINANCE

Fund/accrual accounting; financial administration in Commonwealth and state government; financial management in the health industry; financial analysis; planning and budgeting, working capital management in the health industry; health care performance and evaluation.

**Courses:** IF47, IF85, NS45, PU40

**Contact hours:** 3 per week    **Credit Points:** 12

**Campus offered:** KG, EXT                      **Semester:** 2

### ► PUB486 ETHICS AND THE LAW IN HEALTH SERVICE DELIVERY

This unit enables students to develop an awareness of the ethical and legal issues associated with the public sector and health care in the pre-hospital care setting. This unit covers topics relating to the code of ethics, the code of conduct and the legislation unique to the emergency health services. The students will be required to apply content knowledge using the problem based learning strategy. Topics include: introduction to ethics; morality and ethical theory; bioethics; public sector ethics; overview of the Australian legal system; consent to and refusal of health care; duty of care; and confidentiality and record keeping.

**Courses:** PU40 Emergency Health Services Major Only.

**Prerequisites:** PUB112

**Credit points:** 12

**Campus offered:** EXT                      **Semester:** 2

### ► PUB501 APPLIED COUNSELLING FOR HEALTH PROFESSIONALS

In addition to having a sound knowledge of their specific area of speciality, health professionals also require specialised skills and techniques that will assist them in communicating with others. Furthermore they need to have an awareness and understanding of the process of helping. Throughout this unit students will explore a variety of approaches which could be used and will develop an awareness of their own strengths and weaknesses as a helper. It is not intended that students enrolled in this unit will become professional counsellors, rather they will develop counselling skills that can be applied by health workers in dealing with clients and client concerns.

**Courses:** HL42, PU43

**Corequisites:** PUB875 or another (discipline specific) professional practice unit

**Contact hours:** 4 per week    **Credit Points:** 12  
**Campus offered:** KG                      **Semester:** 2

### ► PUB506 FOODSERVICE MANAGEMENT

Organisation and planning in the foodservice; the hospital environment; the menu and menu planning; purchasing and storage of food; kitchen planning and design; food production systems; food distribution systems; human resource management in foodservice; finance and costing, hygiene, maintenance and safety; information systems; total quality management.

**Courses:** HL42, PU40, PU43

**Prerequisites:** PUB474

**Contact hours:** 4 per week    **Credit Points:** 12  
**Campus offered:** KG                      **Semester:** 1

### ► PUB509 NUTRITION

The measurement of the nutritional status of a community; nutrition monitoring and surveillance; food and nutrition policy at international, national and state levels, international nutrition issues, nutritional epidemiology; nutrition problems within Australia examination of the evidence; at risk groups; tools and their validity for measuring nutritional status and nutrition outcome at the population and group level; dietary intake methodology.

**Courses:** HL42, PU40, PU43

**Prerequisites:** PUB201, PUB314

**Contact hours:** 4 per week    **Credit Points:** 12  
**Campus offered:** KG                      **Semester:** 1

### ► PUB510 LEGAL FRAMEWORK FOR ENVIRONMENTAL HEALTH PRACTICE

The purpose of this unit is to integrate the student's understanding of environmental health, statistics, microbiology, chemistry, physiology and biology to enable student's to apply their knowledge in professional practice. In particular, this unit will detail legislative and management tools for the control of public health nuisances and communicable diseases in different settings. Specific settings that will be covered include camping grounds, hairdressing premises and skin penetration premises. Prosecution processes and evidence gathering will be discussed. Specific environmental health roles under the Health Act will be discussed at length.

**Courses:** PU40

**Prerequisites:** LSB142, LSB415, PUB403

**Contact hours:** 4 per week    **Credit Points:** 12  
**Campus offered:** KG                      **Semester:** 1

### ► PUB511 HEALTH POLICY, PLANNING AND EVALUATION

This unit provides advanced undergraduate students with an opportunity to develop firstly, an understanding of the concepts of health policy, planning and evaluation. Secondly, a capacity for analysis using both theoretical and practical examination of current health-related policies, plans and evaluations. Thirdly, an opportunity to apply concepts learned in this unit to develop a proposal for a program plan and associated implementation and evaluation strategy.

**Courses:** HL46, IF47, IF85, NA80, NS45, PU38, PU40, BOralHlth

## UNIT SYNOPSES

**Prerequisites:** 144 credit points completed  
**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** KG, EXT **Semester:** 1

### ► PUB514 CONTRACT/PROJECT MANAGEMENT

This unit aims to prepare students for participation in contract and project management in the health sector. The unit provides advanced undergraduate students with an opportunity to develop an understanding of health project contract management using both theoretical and practical examination of current State and national contracts and projects.

**Courses:** HL46, IF47, NS45, PU40, PU32  
**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** KG, EXT **Semester:** 1

### ► PUB515 ENVIRONMENTAL TOXICOLOGY

Humans have always lived with health threats from a range of natural poisons be they the potentially lethal venoms of snakes and marine jellyfish or the many and varied powerful food borne toxins produced by a range of microbes, plants and animals. The public health significance of these natural toxins has been highlighted by recent outbreaks of food borne illness in Australia and many overseas countries. In addition to the natural toxins, there are now thousands of synthetic chemicals that are used on a daily basis in agriculture, manufacturing and indeed the home. While many of these synthetic chemicals have little or no adverse effects on either the environment or human health, others are powerful poisons that can disrupt ecosystems and cause human morbidity and mortality. Estimates indicate that more than 2000 people die each year as a result of current or past exposure to chemicals in the workplace. This unit will examine the health effects of both natural and synthetic toxins in terms of general environmental and specific occupational exposure.

**Courses:** PU40  
**Contact hours:** 4 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 1

### ► PUB516 OCCUPATIONAL HEALTH AND SAFETY PRACTICE 1

Field studies are used to provide students with a practical insight into the application of the principles to which they have been introduced in their previous studies. In addition students will examine the legislative and other standards which form the basis for the enforcement of occupational health and safety.

**Courses:** PU40  
**Prerequisites:** PCB404, PUB485, PUB354 (or PUB352)  
**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 1

### ► PUB517 FOOD HYGIENE STUDIES

Food hygiene standards, food borne illnesses, food hygiene audits, HACCP licensing systems, education, food borne illness investigation.

**Courses:** IF87, PU40  
**Prerequisites:** LSB415 (and CNB171 for PU40 EVH major students)  
**Contact hours:** 4 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 1

### ► PUB521 HEALTH SAFETY & ENVIRONMENT PRACTICE 1

The ability to apply the principles of occupational health and safety in the workplace is an essential skill of the occupational health and safety professional. This unit will enable students to integrate the knowledge and skills that they have gained over the initial two years of the course and apply this within the workplace. Accreditation will be obtained as a Workplace Health and Safety Officer (WHSO) accredited by the Division of Workplace Health and Safety. This WHSO accreditation will ensure that students meet the minimum legislative requirements as a trained officer for the construction manufacturing and service industry under the Workplace Health and Safety Act. The unit provides students with knowledge on management principles and practices as they may be applied to resolve workplace health and safety problems. As occupational health and safety professionals act as advisors to management and workers it is essen-

tial that they have an understanding of industrial relations and management principles as they may influence the implementation of occupational health and safety programs. The unit provides students with an understanding of the legislative framework as is relevant to occupational health and safety and social economic and political factors that have influenced the development of legislation as well as the content of existing legislation.

**Courses:** PU40  
**Prerequisites:** PCB404, PUB354  
**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 1

### ► PUB522 PODIATRIC ANAESTHESIOLOGY

Provides an understanding of the science of anaesthetics as applicable to the practice of podiatry. Students are required to understand the pharmacology of local anaesthetics and their clinical usage, and be competent in injection techniques, including local infiltration and local nerve block in the lower limbs.

**Courses:** PU43  
**Prerequisites:** PUB424  
**Corequisites:** PUB523, PUB525  
**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 1

### ► PUB523 MEDICINE

Following completion of this unit, students should be able to recognise and understand the clinical features, pathogenesis and significance of common conditions affecting the lower limbs, for example oedema, obesity, motor, sensory and trophic disturbances and their resultant effects in paralysis, ataxia, deformity and ulceration, intermittent claudication, vascular spasm and cramp are taught so as to emphasise their significance. Medical conditions with manifestations in the feet are given particular attention.

**Courses:** PU43  
**Prerequisites:** LSB451, LSB475  
**Corequisites:** PUB524, PUB525  
**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 1

### ► PUB524 PODIATRIC MEDICINE 3

Develops professional understanding of the general and specific effects of medical and surgical conditions on the human foot. Also expands the concept of total case management in terms of the interdisciplinary approach, including physical, mechanical and surgical techniques. Completion of this unit should enable students to consolidate the podiatrists role in the health care team across the spectrum of practice.

**Courses:** PU43  
**Prerequisites:** PUB303  
**Corequisites:** PUB523  
**Contact hours:** 16 (including clinical work)  
**Credit points:** 12  
**Campus offered:** KG **Semester:** 1

### ► PUB525 PHARMACOLOGY

Designed to ensure students understand basic drug therapies their patients may be using, the groups of drugs used for specific diseases, their application and relevance to podiatry. Emphasis is placed on drug groups and their use for specific disease, rather than proprietary brands. Students learn to recognise the drug groups and know the system they are acting on in the body. In addition, differentiation between the different categories within one group of systemic drugs and why they are used for a condition is emphasised.

**Courses:** PU43  
**Prerequisites:** LSB275, LSB475  
**Corequisites:** PUB522  
**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 1

### ► PUB541 MEDICAL NUTRITION THERAPY 1

This unit incorporates the best of a multidisciplinary, 'whole client' view of health care. The goals of MNT in preventative care are to keep people healthy in their communities, to reduce the incidence and severity of preventable diseases, to improve health and quality of life and to reduce medical costs particularly in drug therapy, surgery, hospitalisation and extended care. A

sound understanding of the process of nutrition assessment enables students to undertake the assessment, planning, implementation and evaluation of dietary intervention in the more complex disease states.

**Courses:** HL42, PU43  
**Prerequisites:** LSB408, LSB458, PUB405  
**Contact hours:** 5 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 1

### ► PUB553 PROFESSIONAL EXPERIENCE

This unit is designed to extend the student's knowledge and level of understanding of health information management in health care facilities through direct observation and participation. Working in a health care facility provides an opportunity to apply theory to practice, and gives the student a greater understanding of the constraints which exist in implementing new approaches to health information management. Emphasis is placed on the managerial role of the health information services with medical, administrative and allied health professionals. Students will reinforce their clinical classification skills by coding from medical records.

**Courses:** IF85, PU40  
**Prerequisites:** 16 units in health information management major or equivalent, including PUB456  
**Contact hours:** 6 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 2

### ► PUB557 HEALTH NEEDS OF INDIGENOUS AUSTRALIANS AND OTHER POPULATIONS

The unit examines the health needs of a range of populations groups, particularly the health needs of Indigenous Australians. A focus on population groups and their health concerns is important for a number of reasons. Health is viewed in its social and economic context. Second, it allows a recognition and focus on particular health concerns that might not be considered significant in an examination of broad patterns of health. Third, it forces a consideration of how strategies to improve health, including important questions of access and equity, might be targeted to sections of the population who have high patterns of mortality and morbidity. The unit provides public health students with an overall picture of patterns of health of Indigenous Australians and other specific populations in Australia. Introduces models of public health and health promotion as means of reducing actual differences in health status.

**Courses:** BORalHlth  
**Prerequisites:** PUB251  
**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 1

### ► PUB599 HEALTH INFORMATION MANAGEMENT 3

Health information systems outside acute care hospitals; special purpose health systems, ambulatory health record systems, and those used in health care facilities other than acute care hospitals, systems for the registration and notification of disease problems, clinical classification systems other than ICD-10-AM and nomenclatures, which may be used in specialised health settings; concepts and processes of quality assurance in health (for example accreditation, criteria audits, and so on).

**Courses:** IF85, PU40  
**Prerequisites:** PUB298 and successful completion of practical component  
**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 1

### ► PUB604 POLICY AND MANAGEMENT PRINCIPLES FOR ENVIRONMENTAL HEALTH

Local government environmental health management (local laws and planning processes); Local Government Act; Queensland Health - public health management, environmental health promotion; indigenous environmental health issues, disaster management.

**Courses:** IF87, PU40  
**Prerequisites:** PUB510  
**Corequisites:** PUB630  
**Contact hours:** 4 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 2

## UNIT SYNOPSES

### ► PUB606 DIETETIC MANAGEMENT

History of dietetics and the role of management in dietetics; planning and organisation; leadership; peer review systems; total quality management; clinical costing; program evaluation and measuring effectiveness; information systems applied to dietetic management; managing change; casemix funding, management tools, marketing, planning community based programs; team building; managing role conflict.

**Courses:** HL42, PU43

**Prerequisites:** PUB506, PUB722

**Contact hours:** 4 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 2

### ► PUB607 PROMOTING ORAL HEALTH

This unit aims to present oral health promotion as an emerging public oral health field of professional practice. The unit provides knowledge of both the theoretical and practical application of health promotion strategies in a range of contexts; it emphasises the links of oral health status with a number of socioeconomic variables, and provides an understanding of health promotion strategies that are appropriate to special groups. It also provides a sensitivity to, and an understanding of, cultural and gender-related issues in relation to oral health promotion.

**Courses:** NA80, BOralHlth

**Prerequisites:** PUB203

**Corequisites:** PUB203

**Contact hours:** 2 per week **Credit Points:** 12

**Campus offered:** EXT **Semester:** 2

### ► PUB609 HEALTH RESOURCE ALLOCATION

This unit aims to prepare students for participation in health sector decision making as underpinned by health economic evaluation activities. The unit provides students with a grounding in the methodologies of health economic evaluation.

**Courses:** IF47, NS45, PU38, PU40

**Prerequisites:** PUB433

**Contact hours:** 3 per week **Credit Points:** 12

**Campus offered:** KG, EXT **Semester:** 2

### ► PUB611 RISK MANAGEMENT

Provides students with the knowledge and skills for the assessment and quantification of risk in the workplace. It will investigate the various models available to investigate and analyse accidents and propose strategies to prevent similar incidents in the future. Various hazard identification techniques such as HAZOP, Fault Tree Analysis and FMEA will be discussed. The subject will provide students with the ability to position occupational health and safety within an organisation's strategic decision making process. Assessment will involve a half day presentation on the weekend. Some lectures may be presented in a one day seminar.

**Courses:** IF87, PU40

**Contact hours:** 4 per week **Credit Points:** 12

**Campus offered:** KG, EXT **Semester:** 2

### ► PUB616 HEALTH, SAFETY & ENVIRONMENTAL PRACTICE 2

This unit will build on the experience gained by students in Occupational Health and Safety Practice 1 by looking in more detail at the skills required to practice as a professional in the arena of occupational health and safety. A major focus will be the utilisation of auditing as an occupational health and safety management tool. Students will be required to attend lectures, practical sessions in the workplace and field trips. Students will investigate a wide variety of production processes and identify the hazards and control strategies associated with these. It is intended that the unit should act as a culminating experience for students who have undertaken the BHlthSc in Health Safety and Environment or Occupational Health and Safety.

**Courses:** PU40

**Prerequisites:** PUB516

**Contact hours:** 3 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 2

### ► PUB619 HEALTH INFORMATION MANAGEMENT 4

This unit examines the role and function of the health information manager in the management of health care services; the principles and proc-

esses of management as applied to health information services; current issues in health information management and professional skills will be enhanced. Coding skills will be refined and enhanced using hospital patient records.

**Courses:** IF85, PU40

**Prerequisites:** PUB456, PUB599

**Contact hours:** 3 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 2

### ► PUB623 DERMATOLOGY

This unit assist students to develop an appreciation of the many varieties of skin lesions and their particular relevance when found in the lower limbs. Lectures deal with classification of skin disease, vasculitis, ulcers, peripheral vascular disease, tumour, eczema, dermatitis, allergy, immunity, infections, psoriasis, squamous eruptions, nails and hair, skin manifestations of internal disease, pharmacology and general therapeutics. Clinical sessions give students the opportunity to see and diagnose these conditions.

**Courses:** PU43

**Prerequisites:** PUB523, PUB524

**Corequisites:** PUB624

**Contact hours:** 3 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 2

### ► PUB624 PODIATRIC MEDICINE 4

Extends the student by way of a greater role in independent case investigation and clinical case presentations. Complex case histories and treatment interventions are pursued. The theory and treatment of paediatric disorders is studied. Introduction to specialist clinics in the podiatry facility and treatment of higher order cases. Students implement a wide range of treatments and should be able to consolidate skills acquired. Diagnostic skills are also developed with the wider range of patients being treated and the specialised study of disciplines such as dermatology and radiology further integrating academic and clinical studies.

**Courses:** PU43

**Prerequisites:** PUB524

**Corequisites:** PUB635

**Contact hours:** 16 (clinical work)

**Credit points:** 12

**Campus offered:** KG **Semester:** 2

### ► PUB628 ADVANCED FOOD STUDIES

This unit provides students with an opportunity to acquire practical skills in the planning, preparation and delivery of nutrient-altered foods suitable for a wide range of therapeutic diets. Students evaluate the outcome of incorporating nutrient modified food products into dietary regimens. Food standards, relevant developments and issues are also considered.

**Courses:** HL42, PU43

**Prerequisites:** PUB474, PUB541

**Corequisites:** PUB641

**Contact hours:** 6 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 2

### ► PUB630 ENVIRONMENTAL HEALTH PRACTICE

Visits to various establishments studied in units relating to environmental health management, pollution sciences and food studies for the purpose of practical demonstration, evaluation and professional experience.

**Courses:** IF87, PU40

**Prerequisites:** PUB403, PUB510, PUB517

**Corequisites:** PUB604

**Contact hours:** 4 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 2

### ► PUB632 INDEPENDENT STUDY

Independent Study allows students to study a topic which is not otherwise available as a formal unit. Students have the opportunity to pursue their studies relatively independently and to develop and practice skills in problem identification, evaluation and critical thinking. The study may be for example a literature review or a placement in a particular setting. The process and outcomes are negotiated in a contract with a supervisor.

**Prerequisites:** Completion of 192 credit points

**Credit points:** 12

**Campus offered:** KG, EXT **Semester:** 2

### ► PUB635 PODIATRIC SURGERY

Implementation of podiatric surgical techniques based on strong theoretical knowledge. On completion, students should understand the principles and techniques of lower limb surgery. Students will be taught minor surgical techniques as well as reviewing some of the more common major surgical procedures including the foot and ankle.

**Courses:** PU43

**Prerequisites:** PUB522, PUB523

**Corequisites:** PUB624

**Contact hours:** 3 per week (including surgical work)

**Credit points:** 12

**Campus offered:** KG **Semester:** 2

### ► PUB636 OCCUPATIONAL HYGIENE

Occupational hygiene is described as the recognition evaluation and control of hazards in the workplace. Workplaces contain numerous substances that are potentially hazardous to the health of the workforce other occupants and the public. Students entering the unit with some grounding in chemistry some biological science and physics or mathematics have a practical opportunity to combine these skills into a viable and well regarded profession. Occupational hygiene spans a number of disciplines including toxicology science engineering and statistics. The student will need to develop strong investigative and analytical abilities and professional judgment. Students will also develop skills in evaluating the extent of workplace hazards. A preventative approach to dealing with occupational health problems is emphasised based on an understanding of the control hierarchy and the use of exposure standards.

**Courses:** PU40

**Prerequisites:** PCB142, PCB242, PCB263, PCB404

**Contact hours:** 4 per week

**Campus offered:** KG **Semester:** 2

### ► PUB637 RADIOGRAPHIC IMAGE INTERPRETATION

This unit is designed to give the student of podiatric medicine an understanding and ability to recognise normal and abnormal foot radiographs. It will also render the student the ability to utilise radiology as an important diagnostic tool in treating foot pathology.

**Courses:** PU43

**Prerequisites:** PUB523

**Contact hours:** 4 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 2

### ► PUB641 MEDICAL NUTRITION THERAPY 2

Medical nutrition therapy 2 builds on the extensive knowledge base of the theory and application of dietary treatment to disease and the principles of nutritional assessment development in Medical Nutrition Therapy 1.

**Courses:** HL42, PU43

**Prerequisites:** PUB541

**Corequisites:** PUB628

**Contact hours:** 5 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 2

### ► PUB644 HEALTH PROMOTING SCHOOLS

This subject is designed to extend students' understanding of health promotion in a school setting. The learning objectives for this course are designed to reinforce the links between education and health, in relation to the planning, implementation and evaluation of a school-based health promotion intervention. It also addresses some of the management issues that underlie such an approach to the promotion of health and well-being in the school community. Case studies or activities offer a range of opportunity for reflection and investigation.

**Courses:** HL88, PU85

**Prerequisites:** 196 credit points

**Credit points:** 12

**Campus offered:** KG, EXT **Semester:** 2

### ► PUB695 INDUSTRIAL TRAINING EXPERIENCE

Ten to twelve months placement in paid employment related to Occupational Health and Safety under the joint supervision of an industry supervisor and an academic adviser. The aca-

## UNIT SYNOPSES

demic adviser obtains reports from the student and their work supervisor at regular intervals. The student is required to complete a progressive assessment program. Results are determined on the basis of reports, continuous assessment and the employers report.

**Courses:** PU40

**Prerequisites:** Completion of Years 1, 2 of the Degree and a GPA of 4.5 or above

**Credit points:** 24

**Campus offered:** EXT **Semester:** 1, 2

### ► PUB722 PRACTICE IN CLINICAL DIETETICS

Students are required to develop skills in the management of nutrition care of clients in the clinical setting, to a standard that allows entry to the Dietetics profession. This unit incorporates the basic strategies of the dietetic care process, ie, assessment, planning, implementation and evaluation of nutritional care, for clients who have a variety of disease states. Students also need to have the opportunity to demonstrate basic skills in research and evaluation in relation to clinical outcome.

**Courses:** HL42, PU43

**Prerequisites:** PUB875

**Credit points:** 12

**Campus offered:** KG **Semester:** 1

### ► PUB726 ORTHOPAEDICS

Emphasis on orthopaedic surgery; develops a detailed knowledge of general and specific orthopaedic conditions which have an effect on the lower limbs and the surgical treatment of systemic conditions as seen by the podiatrist, that is diabetes, provides an understanding of the special problems associated with children and specific lower limb conditions with emphasis on the surgical techniques used in their treatment.

**Courses:** PU43

**Prerequisites:** PCB313 or PUB637, PUB624, PUB635

**Contact hours:** 3 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 1

### ► PUB727 PHYSICAL MEDICINE

Introduction to a wide range of diagnostic and physical treatment modalities used in modern podiatric practice. Students gain understanding in uses, applications, contraindications and limitations of each modality studied in direct connection with ongoing clinical studies and theoretical components of podiatric medicine.

**Courses:** PU43

**Prerequisites:** PUB624

**Contact hours:** 3 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 1

### ► PUB728 CLINICAL MEDICINE 1

Students are expected to integrate knowledge and skills obtained from the specialist podiatry clinics at the university facility. They will undertake a leadership role with third year students by way of a mentor system in the specialist clinics. Students are expected to implement a range of complex treatments and a high level of patient care. Treatment for special needs groups is undertaken ie, children and adults with severe intellectual and physical disabilities, high risk patients with diabetes mellitus and peripheral vascular disease, immuno-suppressed patients. Students are introduced to advanced clinical care of paediatric foot disorders.

**Courses:** PU43

**Prerequisites:** PUB624

**Corequisites:** PUB729

**Contact hours:** 3 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 1

### ► PUB729 PROFESSIONAL INTERNSHIP 1

Students will undertake a placement through relevant podiatry departments to gain important experience in the management of complex problems which manifest in the lower extremity. Most importantly, students will observe and develop critical problem solving skills in the broader environment of private practice, hospitals and community health. This experience will also consolidate the multi-disciplinary nature of health care delivery and educate the student on the various roles of other health care providers. This will lead to more judicious approach to im-

plementing effective health care. Experience gained from the internship will be applied by the student in the specialist clinical environment during the four years of the program.

**Courses:** PU43

**Prerequisites:** PUB624

**Corequisites:** PUB728

**Contact hours:** 12 (includes clinic work)

**Credit points:** 12

**Campus offered:** KG **Semester:** 1

### ► PUB738 ADVANCED CLINICAL MEDICINE 1

The aim of this unit is to develop high level clinical skills and professionalism in a range of clinical settings. Increased understanding of the various clinical and non-clinical roles that podiatrists play in the community will be emphasised through external placements.

**Courses:** PU43

**Prerequisites:** PUB537, PUB538, PUB635, PUB638, PUB639

**Corequisites:** PUB739 **Credit points:** 12

**Incompatible with:** PUB728

**Campus offered:** KG

### ► PUB738 ADVANCED CLINICAL MEDICINE 1

The aim of this unit is to develop high level clinical skills and professionalism in a range of clinical settings. Increased understanding of the various clinical and non-clinical roles that podiatrists play in the community will be emphasised through external placements.

**Courses:** PU43

**Prerequisites:** PUB537, PUB538, PUB635, PUB638, PUB639

**Corequisites:** PUB739 **Credit points:** 12

**Incompatible with:** PUB728

**Campus offered:** KG

### ► PUB739 PODIATRIC MEDICINE 5

The aim of this unit is to provide you with the diagnostic and treatment skills necessary to manage patients with more complex conditions, introduce contemporary issues in podiatry including national and international issues, and to encourage you to critically evaluate the medical literature to inform your clinical decisions. (Not offered until 2006).

**Courses:** PU43

**Prerequisites:** PUB537, PUB538, PUB635, PUB638, PUB639

**Corequisites:** PUB738 **Credit points:** 12

**Campus offered:** KG

### ► PUB823 PRACTICE IN COMMUNITY NUTRITION

Involves a four week practical placement off-campus where students work on various projects and gain experience in the nutrition and health care of groups in a variety of community, workplace and school settings; provision of a nutrition education session to a community group and a practical examination at the end of the semester.

**Courses:** HL42, PU43

**Prerequisites:** Successful completion of all Year 3 units

**Contact hours:** 3 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 1, 2

### ► PUB824 PRACTICE IN FOOD SERVICE MANAGEMENT

A four week practical component consisting of up to four separate placements in hospitals, nursing homes, correctional centres or other locations to gain experience in food service management.

**Courses:** HL42, PU43

**Prerequisites:** Successful completion of Year 3 units

**Credit points:** 12

**Campus offered:** KG **Semester:** 1

### ► PUB826 PROJECT AND PROFESSIONAL MANAGEMENT

Explains two key concepts. Firstly, how a professional practice may be set up and how a small practice can operate as a business enterprise. Methods of budgeting, finance and control are explained. Secondly, it develops an interest in podiatry research using scientific methods of investigation and presentation. Students are encouraged to publish these projects as original material in related professional journals.

**Courses:** PU43

**Contact hours:** 3 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 2

### ► PUB827 SPORTS MEDICINE

The importance of a multidisciplinary approach to the diagnosis, evaluation and treatment of sports injuries. Students study the symptomatology of lower limb functional pathologies as related to specific sports and devise treatment programs. An understanding of the principles of human fitness and potential in relation to athletic injuries and expectations forms the foundation for further studies.

**Courses:** PU43

**Prerequisites:** PUB523, PUB624

**Contact hours:** 3 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 2

### ► PUB828 CLINICAL MEDICINE 2

Students will be expected to further integrate and apply additional knowledge obtained from the final clinical rotation to the needs of specialist patients who attend the university podiatry clinic. In particular, elements of pre-, post- and intra-operative surgical considerations will be utilised. A specialist paediatric clinic will provide the student with specialist skills in the treatment of developmental disorders and conditions.

**Courses:** PU43

**Prerequisites:** PUB728

**Corequisites:** PUB829

**Contact hours:** 3 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 2

### ► PUB829 PROFESSIONAL INTERNSHIP 2

Students undertake a rotating roster through relevant podiatry departments to gain important experience in the management of complex problems which manifest in the lower extremity. Students will observe and develop critical problem solving skills in the broader environment of private practice, hospitals and community health. This experience consolidates the multi-disciplinary nature of health care delivery and educates students on the roles of other health care providers. This leads to a more judicious approach to implementing effective health care. Experience gained is applied by the student in the specialist clinical environment during the four years of the program. Student will be designated for a three week period.

**Courses:** PU43

**Prerequisites:** PUB729

**Corequisites:** PUB828

**Contact hours:** 12 (clinical work)

**Credit points:** 12

**Campus offered:** KG **Semester:** 2

### ► PUB875 PROFESSIONAL PRACTICE

This unit is undertaken by students in the public health, and nutrition and dietetics strands of the BHlthSc. It provides students with the opportunity of working in one or a number of placements in a professional capacity in an area of interest to the student. It provides an opportunity for students to apply the knowledge and skills acquired through their course to a practical problem or workplace situation.

**Courses:** HL42, HL46, PU40, PU43

**Prerequisites:** NUD, successful completion of all prior core units; All other majors, completion of 220 cp

**Contact hours:** 4 per week **Credit Points:** 12

**Campus offered:** KG **Semester:** 2

### ► PUN001 CONTEMPORARY RISK MANAGEMENT

An introduction to the risk management process as outlined in AS/NZS 4360 Risk management. The unit concentrates on the context of risk management and introduces the student to the concepts which will be explored further in the units PUN008, PUN009 and EFN418. The structure of the organisation, its environment and the potential loss exposures are examined in some detail.

**Courses:** HL38, HL68, HL88, IF88, PU65, PU60, PU85

**Credit points:** 12

**Campus offered:** KG, EXT **Semester:** 2

## UNIT SYNOPSES

### ► PUN008 RICK MANAGEMENT: IDENTIFICATION AND ASSESSMENT PROCEDURES

Provides the skills necessary to identify and assess risks. Qualitative, semi-quantitative and quantitative methods of risk analysis are investigated in the context of the major perils likely to be considered by an organisation. Various risk analysis techniques including HAZOP, FMEA, hazard indices, fault trees, event trees, reliability analysis, statistical analysis, and probability are discussed.

**Courses:** HL38, HL68, HL88, HL90, IF88, PU60, PU65, PU85

**Prerequisites:** PUN001

**Corequisites:** PUN001

**Credit points:** 12

**Campus offered:** KG, EXT

**Semester:** 2

### ► PUN009 RISK TREATMENT

Critical and systematic methods of making decisions on appropriate risk treatment options are investigated. Options considered include risk avoidance, risk acceptance, risk reduction, consequence reduction, risk transfer and risk retention.

**Courses:** HL38, HL68, HL88, IF88, PU60, PU85

**Prerequisites:** PUN008

**Credit points:** 12

**Campus offered:** KG

**Semester:** 1

### ► PUN103 ADVANCED EPIDEMIOLOGY

This unit's aim is the mastery of key principles and concepts of research design. There has been an increasing demand for evidence-based health research, and an increasing trend towards research that considers complex biological, environmental and societal inter-relationships. Recent developments in epidemiology have contributed novel research designs and statistical methods to complement these needs. Throughout this unit, students will be exposed to these more sophisticated designs and analytical methods. Such knowledge is mandatory for critical evaluation of the current research literature, for design of efficient research studies, and to inform appropriate interpretation of research results at a 'best practice' level.

**Courses:** HL88

**Prerequisites:** HLN705 or PUB316 or equivalent

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG

**Semester:** 2

### ► PUN105 HEALTH STATISTICS

Beyond a common core of statistical concepts, each discipline area emphasises its own set of descriptive and inferential statistical methods and even terminology. The content of this unit emphasises both core and health-specific statistical methods in the health sciences. Students will be provided with substantial practical experience in the application and interpretation of the most common statistical methods to health data, and will also be made aware of data management principles in preparation for analysis. There will be a strong emphasis on applying concepts through critical reading and discussion of the literature and worked examples from a range of topic areas.

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG, EXT

**Semester:** 1

### ► PUN106 POPULATION HEALTH

This unit addresses some of the significant issues of population health including the complex relationship between health and social, economic, political and lifestyle factors and social disadvantage and health. It examines contemporary concepts of health and illness in the Australian context but also draws on international examples. Potential health issues facing Australia and the world, such as the aging of the population, the impact of genetic technology on health and the health of specific sub-populations are also discussed.

**Courses:** HL68, HL88, PU60, PU85

**Contact hours:** 3 per week

**Credit Points:** 12

**Incompatible with:** Completion of PU40/43 or PUB251 or PUB314 or PUP010 or NSN622

**Campus offered:** EXT

**Semester:** 1

### ► PUN301 OCCUPATIONAL HEALTH AND SAFETY LAW AND MANAGEMENT

Introduces students to the history of occupational health and safety and the impact on occupational health and safety practice of the law, and industrial relations. The theory and practice of occupational health and safety management is discussed.

**Courses:** HL68, HL88, PU60, PU65, PU85

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG

**Semester:** 1

### ► PUN302 DETERMINANTS OF WORKPLACE INJURY AND DISEASE

Provides students with an understanding of the various models used to describe and determine the causes and distribution of injury and disease in the workplace. Students will investigate the use of various analytical, statistical and epidemiological tools useful for describing and determining the incidence and causes of injury and disease in the workplace.

**Courses:** HL38, HL68, HL88, PU60, PU65, PU85

**Prerequisites:** PUN301

**Corequisites:** PUN301

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG

**Semester:** 1

### ► PUN601 CONTEMPORARY HEALTH POLICIES

Health systems and their structure and functioning are outcomes of health policy. Critical to the success of public health initiatives is influencing policy. This unit critically evaluates the policy making process in health in both Australia and overseas countries. Topics include policy development, policy analysis, political influences on policy, health policy at national and international level, the role of consumers, pressure groups and lobbyists and the influence of the medical profession on health policy.

**Courses:** HL68, HL88, PU60, PU85

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG, EXT

**Semester:** 2

### ► PUN602 HEALTH PLANNING, MANAGEMENT AND EVALUATION

This unit offers theoretical and practical understanding of strategic management issues associated with managing resources and managing people. The course is structured so that readings, activities and assessment items allow students to take a critical and analytical approach to an organisational issue within the context of current organisational, political, technological, and socio-economic developments. When examining the effects of organisational structures and change on individual and group performance in the workplace, the content draws structures and change on individual and group performance in the workplace, the content draws on perspectives from the fields of organisational theory, corporate strategy, psychology, and sociology. The unit is designed to facilitate analytic skills and understanding of a range of management decision-making principles and processes applicable to health management roles.

**Courses:** HL88, PU60, PU85

**Credit points:** 12

**Campus offered:** KG, EXT

**Semester:** 1

### ► PUN608 HEALTH ECONOMICS

This unit is designed to introduce students without any previous economics background to some microeconomic theory and its application to economic issues in the health sector. The unit starts with more theoretical topics such as demand and supply analysis, the production of health and market structures, and then moves onto more applied topics such as health insurance and economic evaluations. The aim of the unit is to encourage students to understand variables that influence resource allocation within the health sector and to consider subsequent implications. Assessment for this unit typically consists of assignment work.

**Courses:** PU60, PU85

**Prerequisites:** PU85 & PU60: PUN692; HL38, HL68, HL88, & HL90: Nil; PU38: PUN610

**Contact hours:** 3 per week

**Credit Points:** 12

**Incompatible with:** PUB433 Health Care Economics

**Campus offered:** KG, EXT

**Semester:** 2

### ► PUN609 HEALTH CARE FINANCE

This unit introduces students to essential conceptual frameworks that are fundamental to an understanding of the organisation of health care resources, within the health sector and of subsequent outcomes. The unit adopts the objectives of effectiveness, efficiency and equity with which to analyse health care delivery systems. The intention is to provide an understanding of some important intellectual apparatus that can be used to describe and understand health care delivery in a variety of settings and systems.

**Courses:** HL68, HL88, PU60, PU85

**Prerequisites:** PUN692

**Credit points:** 12

**Campus offered:** EXT

**Semester:** 1

### ► PUN610 HEALTH SERVICES MANAGEMENT

This unit offers theoretical and practical understanding of strategic management issues associated with managing resources and managing people. The course is structured so that readings, activities and assessment items allow students to take a critical and analytical approach to an organisational issue within the context of current organisational, political, technological, and socio-economic developments. When examining the effects of organisational structures and change on individual and group performance in the workplace, the content draws on perspectives from the fields of organisational theory, corporate strategy, psychology, and sociology. The unit is designed to facilitate analytic skills and understanding of a range of management decision-making principles and processes applicable to health management roles.

**Courses:** HL38, HL68, HL88, PU60, PU85

**Prerequisites:** PU85 & PU60: PUN692; HL38, HL68, HL88, & HL90: Nil; PU38: PUN692

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG, EXT

**Semester:** 2

### ► PUN615 ADVANCED HEALTH SERVICE MANAGEMENT

This unit builds on prior studies in health service management. Theoretical frameworks previously studied are applied to specific contexts to extend the learning outcomes. Topics which are discussed at an advanced level include best practice in service delivery, leadership, quality and benchmarking applied in various settings of health service at the state, national and International level.

**Courses:** HL68, HL88, PU60, PU85

**Prerequisites:** PUN610

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** KG, EXT

**Semester:** 2

### ► PUN617 ENVIRONMENTAL HEALTH MANAGEMENT

This unit considers environmental health management as an important component in resolving health threatening hazards in the community. Topics include: introduction and development of environmental health research grants as a managerial tool; the role of environmental health risk management in decision making; the history of environmental and community health and the approaches to prevention; the professional role of environmental health practitioners throughout the world, and contemporary environmental health policy formulation and review.

**Courses:** HL38, HL68, HL88, PU60, PU85

**Contact hours:** 3 per week

**Credit Points:** 12

**Campus offered:** EXT

**Semester:** 2

### ► PUN620 CONCEPTS OF ENVIRONMENTAL HEALTH

This is a compulsory core in the specialist area of environmental health. Environmental Health professionals need to understand the inextricable link between human health and environmental problems. They must also understand the types of strategies available to control and minimise the risks associated with environmental health problems. This Unit will examine some basic principles and concepts of environmental health



## UNIT SYNOPSES

including sustainable development and environmental health promotion. It will apply these principles to areas such as air pollution, transport, green consumerism, ecotourism and relevant environmental health issues occurring at that time. The Unit will also discuss future threats to public health such as long term climate change and population growth.

**Courses:** HL38, HL68, HL88, PU60, PU85  
**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 1

### ► PUN692 HEALTH CARE DELIVERY SYSTEMS

This unit adopts the broad objectives of effectiveness, efficiency and equity with which to analyse health care delivery systems. The unit consists of three separate modules which examine health care delivery systems from different perspectives. Module 1 is an introductory module which overviews the structural and functional components of health care delivery, and defines the concepts of effectiveness, efficiency and equity. The Australian health care system is compared with those operating in both developed and developing countries. Module 2 introduces economic concepts and tools of analysis which primarily consider efficiency aspects of health care delivery. Lastly module 3 analyses the management aspects of health care delivery within the context of change.

**Courses:** HL68, HL88, PU60, PU85  
**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** KG, EXT **Semester:** 1

### ► PUN702 SOCIAL AND BEHAVIOURAL DETERMINANTS OF HEALTH

This unit deals with the body of knowledge applicable to public health provided by the disciplines of social and behavioural science. Social determinants of health on living and working conditions conducive to health. The subject will offer a comprehensive analysis of lifestyles and living conditions conducive to health.

**Courses:** PU60, PU85  
**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** EXT **Semester:** 1

### ► PUN743 INTRODUCTION TO EPIDEMIOLOGY

This unit introduces the basic principles and methods of epidemiology as it is concerned with the identification, control and prevention of ill health in the community. It addresses specific aspects relating to the collection and interpretation of epidemiological data, issues of major public health importance both within Australia and overseas, and provides students with the essential skills for logical, scientific assessment of the health and medical literature.

**Courses:** PU60, PU85  
**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** EXT **Semester:** 1

### ► PUP032 INTERVENTION DESIGN AND THEORIES OF CHANGE

Examines theories of change as they impact on health promotion and health education practice and the development and implementation of interventions. It addresses the strengths and weaknesses of change theory into practice and explores the nature of individual, group and organisational change strategies in public health and health promotion.

**Courses:** HL38, HL68, HL88, PU60, PU85  
**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** KG, EXT **Semester:** 1

### ► PUP034 ADVANCED STUDIES AND PRACTICE IN HEALTH PROMOTION

This advanced unit identifies and utilises the repertoire of practice skills that health promotion students need to address health problems. It integrates needs identification, systematic planning and evaluation models into practice. Internal students will put this knowledge into practice through participation in a group based health promotion project. The process of developing and implementing a health promotion program develops an understanding of issues such as ethics, writing goals and objectives, resources and time management. External students will conduct a needs assessment and use the data to write a health promotion program proposal. These tasks

will provide the nexus between theory and practice that is critical for people working in the health promotion arena.

**Courses:** HL38, HL68, HL88, PU60, PU85  
**Prerequisites:** PUP035 or PUP036  
**Corequisites:** PUP035 or PUP036  
**Contact hours:** 3 per week **Credit Points:** 12  
**Incompatible with:** PUP023, PUN613  
**Campus offered:** KG, EXT **Semester:** 2

### ► PUP035 HEALTH PROMOTION STRATEGIES AND EVALUATION

Health promotion practitioners are likely to be engaged in the development, implementation and evaluation of health promotion programs to meet the needs of a diverse range of population groups. This unit will cover issues related to health promotion planning, implementation and evaluation. This will include needs assessment, program planning and planning models, development of program goals and objectives, selection of health promotion strategies, program implementation and management, and program evaluation. Health promotion strategies that are appropriate for particular target groups individuals, groups, organisations, communities and specific population groups will be discussed. There will also be a focus on the development of methods for useful and effective evaluation.

**Courses:** HL38, HL68, HL88, PU60, PU85  
**Contact hours:** 3 per week **Credit Points:** 12  
**Incompatible with:** PUP018 or PUP012  
**Campus offered:** KG, EXT **Semester:** 2

### ► PUP036 CONCEPTS AND SETTINGS FOR HEALTH PROMOTION

Health professionals wishing to broaden their understanding of public health need to be introduced to the concepts and recent developments internationally and nationally, in health promotion and its application across a wide range of settings, such as schools, workplaces, communities and health care settings.

**Courses:** HL38, HL68, HL88, PU60, PU85  
**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** EXT **Semester:** 1

### ► PUP116 ERGONOMICS

Explores the relationship between the worker, the work environment and the work space. Occupational ill-health and injury arise from a lack of fit between the capabilities of workers and the design of the working environment, the work processes and the physical and mental demands of the task. Insight into ergonomics can assist practitioners to enhance the workers safety and comfort, improve work efficiency and performance, and optimise work performance. Topics include: basic anatomy and physiology of body systems; occupational biomechanics; psychology.

**Courses:** HL68, HL88, PU60, PU65, PU85  
**Prerequisites:** PUN301  
**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 2

### ► PUP250 OCCUPATIONAL HYGIENE

Lectures, practical work and industrial visits to instruct students so that they may recognise, evaluate and control the physical, biological and chemical environmental factors which can adversely affect the health, safety, comfort and efficiency of workers.

**Courses:** HL68, HL88, PU60, PU65, PU85  
**Prerequisites:** PUP415  
**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 2

### ► PUP415 OCCUPATIONAL HEALTH

Explores chemical hazards in the working environment, epidemiological principles and practice, and identification of special risk groups in the workforce. Topics include: the pathological bases of disease in humans; chronic occupational diseases; occupational skin conditions; respiratory diseases; biological hazards in the work environment (bacteria, parasites, viruses, rickettsia and fungi); chemical and physical stresses and their physiological responses; physiological monitoring principles and practice; special risk groups; epidemiological principles and practice.

**Courses:** PU60, PU65, PU85  
**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 1

### ► PUR200 EMERGING ISSUES IN PUBLIC HEALTH

The field of Public Health is evolving rapidly with respect to the nature of the problems it must address, the methods it uses to understand and to influence population health, and the underlying philosophies that inform the field. As a consequence, it is important that all doctoral candidates develop an appreciation for new directions in Public Health to complement their solid foundations in more traditional practices.

**Courses:** HL90  
**Prerequisites:** 72 credit points at advanced Masters/Doctoral level  
**Contact hours:** 2 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 2

### ► PUR201 ADVANCED PROFESSIONAL STUDIES

This unit is suitable for health science practitioners wishing to extend their studies to advanced post graduate level, in an area of interest particular to the individual student. There is a need to be able to develop advanced practitioner skills, to develop interdisciplinary approaches and to consolidate advanced skills in terms of health care delivery. This unit is designed to allow small groups of doctoral students to develop advanced skills in their chosen field, with the help and guidance of an academic mentor and to develop appreciation for these skills in other related disciplines.

**Courses:** HL90  
**Prerequisites:** 72 credit points at advanced Masters/Doctoral level  
**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** KG **Semester:** 2

### ► PYB000 APPLIED SKILLS AND SCHOLARSHIP (PSYCHOLOGY)

This is a compulsory first year unit. It focuses on the development of a number of generic competencies which are important outcomes of all QUT undergraduate courses. The unit provides a skill basis, developed within various discipline contexts, upon which subsequent units in the course will build. The unit is an essential first stage in the development of key skills and understandings at the tertiary level.

**Courses:** PY45, PY07  
**Contact hours:** 3 averaged over the semester  
**Credit points:** 12  
**Campus offered:** CA **Semester:** 1, 2

### ► PYB007 INTERPERSONAL PROCESSES AND SKILLS

Psychology is generally a people-based profession with many positions involving not only understanding and testing people but communicating with them. More broadly however in most areas of modern work, and indeed within personal relationships, people need developed interpersonal skills and the ability to conceptualise interactive processes. The microskills for communication are also the foundation for helping relationships and counselling.

**Courses:** PY45  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** PYB052, PYB086  
**Campus offered:** GP, CA, KG **Semester:** 1, 2

### ► PYB012 PSYCHOLOGY

The body of knowledge which defines Psychology as a discipline is basic to an understanding of human behaviour and interaction. Psychological theories, concepts and methods of investigation provide ways of evaluating personal and professional practice. Informed practice can then seek to meet the needs of individuals, groups and communities. All professional people need to have frameworks for understanding their own behaviour and that of others. This unit provides students with essential knowledge as a basis for their personal and professional effectiveness. It is the foundation for understanding further study in psychology and its many applications.

**Courses:** All courses  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** PYB071, PYB073  
**Campus offered:** GP, KG, CA **Semester:** 1, 2

### ► PYB054 PSYCHOLOGY AND GENDER

What is gender?; theories of gender; male and female; masculine and feminine; roles versus

## UNIT SYNOPSES

power; counselling issues; old and new paradigms; history of psychology of gender; sexuality; mothers and fathers; psychology constructs the female; psychology in patriarchal discourse; family therapy theory and feminist critiques; psychological constructs and the media; film and media; psychology of gender and power.  
**Courses:** PY45, PY07

**Prerequisites:** PYB012 or PYB101

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 1

### ► PYB057 APPLIED COGNITIVE PSYCHOLOGY

Overview of human information processing from the initial stage of sensory encoding, through the various mechanisms of information storage and retrieval, to the ultimate use of this information in higher level tasks such as reading. In addition, the unit highlights the application of this basic knowledge to Real World problems in the domain of human-computer interaction.  
**Courses:** All

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** PYB303  
**Campus offered:** KG **Semester:** 2

### ► PYB067 HUMAN SEXUALITY

This unit explores historical approaches to studying, explaining and regulating human sexuality with an awareness of the social nature of definitions of 'normal' or 'acceptable' sexual behaviours. Students will critically examine definitions of 'healthy' or 'morally acceptable' or 'normal' sexuality. Different models of sexuality are considered with an emphasis on contemporary critiques of the traditional paradigms of sexuality in the West.  
**Courses:** All

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 1

### ► PYB073 INTRODUCTION TO BEHAVIOURAL SCIENCES AND HEALTH CARE

An understanding of the behavioural sciences underlies much of the interaction of health professionals. Psychological and social factors that moderate human responses to health, disease, trauma and treatment, and the principles that underlie empathetic and effective intervention are the focus of study in this unit. A sound understanding of psychological and social concepts and principles is essential for the provision of contemporary, holistic nursing care for individuals and groups, and an important element in the development of effective relationships with clients, colleagues and other members of a multidisciplinary health care team.  
**Courses:** Nursing

**Contact hours:** 2 per week **Credit Points:** 12  
**Campus offered:** GP **Semester:** 1

### ► PYB086 INTERPERSONAL AND GROUP PROCESSES

People in many professions and in their own personal relationships need developed interpersonal skills and an ability to observe and conceptualise interactive processes. This applies to interpersonal relationships and small group settings, groups being a common structure for learning, working and socialising. Knowledge of relevant microskills is essential for those preparing to teach relationship skills so that students will be able to design skill development programs in educational settings in the future. This applies to the important area of human sexuality where personal comfort for teachers is especially necessary in discussion of biological, social and psychological aspects of sexual elements in relationships.

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** PYB007  
**Campus offered:** KG **Semester:** 2

### ► PYB101 INTRODUCTION TO PSYCHOLOGY 1A

Psychology is a broad-ranging and multifaceted discipline which encompasses the scientific study of human behaviour, and the systematic application of knowledge gained from psychological research to a broad range of applied issues. This unit focuses on the areas of

developmental psychology, social psychology, individual differences, and psychopathology.

**Courses:** PY45, PY07

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** PYB012, PYB073

**Campus offered:** CA **Semester:** 1

### ► PYB102 INTRODUCTION TO PSYCHOLOGY 1B

Introduction to Psychology 1B extends the introduction provided in Introduction to Psychology 1A to psychology as the scientific study of human behaviour. This unit introduces students to the basic biological and psychological processes underlying perception, memory, learning, problem solving, consciousness, and language. In addition, research participation experience is provided to the students.

**Courses:** PY45, PY07

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 2

### ► PYB110 PSYCHOLOGICAL RESEARCH METHODS

An overview of the purposes and strategies of research; elementary research design; operationalising variables; descriptive statistics; distributions; measures of central tendency and spread; standard scores and percentiles. Understanding relationships between variables through correlation and regression. An introduction to hypothesis-testing procedures using t-tests.

**Courses:** PY45, PY07

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MAB237, MAB247

**Campus offered:** CA **Semester:** 1, 2

### ► PYB158 INTRODUCTION TO SUBSTANCE ABUSE IN AUSTRALIA

This unit introduces students to alcohol and drug use in the Australian context. The unit examines the terminology and definitions commonly associated with the alcohol and other drug field as well as providing an overview of models of drug use. This unit will compare and contrast current trends and patterns of substance use in Australia and critically examine the legitimacy of this focus. Australian substance use/abuse patterns will be positioned within a global context.

**Courses:** All

**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** CA **Semester:** 2

### ► PYB159 ALCOHOL AND OTHER DRUG STUDIES

This unit aims to give students an understanding of the extent of substance abuse in our community: who uses what, where and when; the models that have been advanced for understanding substance abuse; the intervention and therapeutic models utilised within the field; and the effects of substance abuse, physiologically, socially and psychologically.

**Courses:** All

**Prerequisites:** 96 credit points  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 1

### ► PYB201 PERCEPTION

This unit presents an overview of perceptual and sensory processes in humans and other animals. While most emphasis is placed on visual and auditory perception, the unit also explores the skin senses, the chemical senses, and the orienting senses. In each case, the topics covered include: the nature of the relevant physical stimuli, the physiology of the sensory modality, the phenomenology of the sensory modality, sensory dysfunction, and examples of applied research in the domain. The unit begins with a primer of psychophysics.

**Courses:** PY45, PY07

**Prerequisites:** PYB012, or PYB101, or PYB102  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 2

### ► PYB203 DEVELOPMENTAL PSYCHOLOGY

An introduction to life span developmental psychology. This unit covers the major theories of life span development and includes biological, social and cognitive aspects of development from birth through to old age. It emphasises the interdependency of all aspects of development and on

the importance of the physical, family, socio-cultural and historical contexts within which development occurs. The unit aims to develop the student's understanding of general patterns of human development and of the ways in which the development of particular individuals and groups may vary from these general patterns.

**Courses:** PY45, PY07

**Prerequisites:** PYB101 or PYB102

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 2

### ► PYB205 SOCIAL PSYCHOLOGY

People are social beings. Their thoughts, feelings and actions are influenced by the real, imagined or implied presence of others. To obtain greater insight into people's behaviour, it is essential to investigate scientifically the relationship between the individual and the group. The effects of the individual within the group and the group upon the individual will be studied.

**Courses:** PY45, PY07

**Prerequisites:** PYB012, or PYB101, or PYB102  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 1

### ► PYB206 PERSONALITY

This unit consists of an overview of some of the major theories of personality to provide the student with an understanding of contemporary approaches to normal personality function. Emphasis will be given to the methods of studying and conducting research in personality. By studying normal personality processes, this unit provides a foundation for advanced studies in psychopathology.

**Courses:** PY45, PY07

**Prerequisites:** PYB101, PYB012 or PYB102

**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** CA **Semester:** 1

### ► PYB210 RESEARCH AND DESIGN AND DATA ANALYSIS

This unit takes an hypothesis testing approach to data analysis. This means that statistical analysis is treated as one step in a larger process which also includes formulating theoretically sound predictions, designing a suitable experiment to test the predictions, selection of the appropriate statistics to test the predictions, calculation and interpretation of the required statistics, and reporting the outcomes in the correct way. The aim of the unit is to provide the student with the knowledge and skills required to do these tasks with respect to two types of prediction; differences between means and relationship between sets of scores.

**Courses:** PY45, PY07

**Prerequisites:** PYB110

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 1

### ► PYB215 FORENSIC PSYCHOLOGY AND THE LAW

Forensic Psychology is readily acknowledged as one of the fastest growing areas of psychology in the world. The domain of forensic psychology concerns itself with the behaviour of people involved in the justice system, in particular, the criminal and civil components of the legal justice system. By its very nature forensic psychology draws from a wide multi-disciplinary base for the application of its specialised knowledge. Hence, you will need a broad introductory appreciation and critical perspective on what forensic psychology involves and has to offer in relation to the Law and the practice of it by a range of practitioners within the legal justice system.

**Courses:** PY45, PY07

**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** CA **Semester:** 2

### ► PYB257 GROUP WORK

Provides an opportunity for experiential group learning, either intensively or in regular program times. It examines types of groups and varieties of group experiences; the importance and uniqueness of group medium; understanding behaviour in the group context; theories and models of group development; leader and member behaviours; planning, implementing and evaluating group methods; establishing groups and planning group approaches; the group as a

## UNIT SYNOPSES

therapeutic community; evaluating group work; ethical issues.

**Courses:** PY45, PY07

**Prerequisites:** PYB007, PYB052 or equivalent  
**Contact hours:** 1 week intensive between semesters

**Credit points:** 12

**Campus offered:** CA

**Semester:** 2

### ► PYB258 INTRODUCTION TO THEORY AND RESEARCH IN HYPNOSIS

This unit serves as an introduction to experimental hypnosis for those students who may wish to pursue postgraduate study in Clinical and Experimental Hypnosis. It covers socio-cognitive theories of hypnosis and interactive-phenomenological models and perspectives. The unit investigates research on: dissociation, hypnotisability, regression, responsiveness, consciousness, altered states, hypnotic dreams, and hallucinations, ideomotor signals, post-hypnotic amnesia and assessment of hypnotisability.

**Courses:** PY45, PY07

**Prerequisites:** 96 credit points

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** CA

**Semester:** 1

### ► PYB260 PSYCHOPHARMACOLOGY OF ADDICTIVE BEHAVIOUR

This unit will develop the student's understanding of behavioural pharmacology, with particular emphasis on the psychopharmacology of addictive behaviours. To establish a framework for learning, classes will initially include a review of neurobiology, introduction to pharmacokinetics, and discussion of research methods used to investigate psychopharmacological effects of drugs on behaviour. Subsequent classes will address the history and origin of the more commonly used addictive substances, routes of administration, patterns of distribution and excretion, neuropharmacology, and effects of acute and chronic administration. Substances covered will include those that are most widely associated with problems of dependence and addiction.

**Courses:** PY07

**Prerequisites:** PYB158 or PYB159

**Contact hours:** 3 per week **Credit Points:** 12

**Campus offered:** CA

**Semester:** 1

### ► PYB302 INDUSTRIAL AND ORGANISATIONAL PSYCHOLOGY

Participation in the workplace is an integral component in the lives of most people. It is important therefore to understand the behaviour of people, individually and collectively, within the workplace. Industrial and Organisational Psychologists are concerned with advancing the knowledge of the relationship between people and work, as well as using this knowledge to promote the effective organisation of human resources.

**Courses:** PY45, PY07

**Prerequisites:** PYB205, PYB110

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** CA

**Semester:** 1

### ► PYB303 COGNITIVE PSYCHOLOGY

This unit explores both the cognitive mechanisms involved in processing information and behavioural models of learning. The information processing component covers topics including: sensory storage, attention, pattern recognition, working memory, long-term memory, and applied psychology. The learning component deals with the phenomenology of behavioural learning paradigms including classical and operant conditioning. In both cases, the unit emphasises the need for critical analysis of theories and the experimental evidence supporting them.

**Courses:** PY45, PY07

**Prerequisites:** 36 credit points of 2nd or 3rd year Psychology units

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** PYB057

**Campus offered:** CA

**Semester:** 1

### ► PYB304 COGNITIVE NEUROPSYCHOLOGY

This unit aims to provide a broad introduction to the area of neuropsychology and discusses both the clinical and cognitive approaches in the field. Three broad areas will be covered, namely neuroanatomy, neuropathology, and the cognitive

analysis of resulting deficits. The student will extend their knowledge of major neuroanatomical structures and their interconnections, with an emphasis on how this information is applied in the clinical setting. They will also study a number of neuropsychological disorders in terms of their diagnosis, assessment and treatment, as well as the psychosocial effects such deficits have on the patients. The deficits themselves will be considered from a cognitive perspective, with a view not only to understand the nature of the dysfunction but also to further specify our knowledge regarding the functional architecture of the cognitive system. Disorders will include the more commonly occurring illnesses such as stroke and Traumatic Brain Injury, and some of the resulting cognitive deficits, such as aphasia, memory impairments, and the planning and execution of every day tasks.

**Courses:** PY09

**Prerequisites:** PYB303, PYB304, PYB311

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** CA

**Semester:** 1

### ► PYB305 APPLIED SOCIAL PSYCHOLOGY

Social Psychology is the scientific study of how people's thoughts, feelings and actions are influenced by the real, imagined or implied presence of others. To assess whether social psychology theories and models can offer insight into people's behaviour in an applied context, it is essential to investigate the utility of these theories when translated to applied social settings. The student will study the application of social psychology methods, theories, principles and research findings to understanding and solving social problems.

**Courses:** PY45, PY07

**Prerequisites:** PYB205, PYB210

**Contact hours:** 3 per week **Credit Points:** 12

**Incompatible with:** Nil

**Campus offered:** CA

**Semester:** 1

### ► PYB306 PSYCHOPATHOLOGY

The unit provides an introduction to problems in psychological functioning and reviews research and theory relating to the major classes of mental disorder identified in DSM-IV, the diagnostic and classification manual most frequently employed in Australia and the United States. An integrated approach to the understanding of psychopathology is emphasised, highlighting the reciprocal influence of biological, psychological and social factors on behaviour.

**Courses:** PY45, PY07

**Prerequisites:** PYB205

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** CA

**Semester:** 2

### ► PYB311 PSYCHOLOGICAL ASSESSMENT

Psychological assessment is a way of evaluating and understanding individuals. This unit is designed to introduce the student to the principles of psychological assessment. The different types of psychological assessments and issues involved in the assessment of normal and clinical populations will be examined. Topics include ethical, psychometric, procedural and interpretative issues in the assessment of children, adolescents and adults. Although the major emphasis is on assessment theory, the mainstream tests that are available to qualified psychologists are also discussed.

**Courses:** PY45, PY07

**Prerequisites:** 36 CP of 2nd or 3rd year psychology units

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** CA

**Semester:** 2

### ► PYB342 INDEPENDENT STUDY

This unit can only be undertaken with prior approval from the Head of School. Approval will only be given when all other options have been exhausted. It involves a guided set of readings and study in an approved area. Assessment will be negotiated with the relevant supervisor.

**Courses:** PY45, PY07

**Prerequisites:** 36 credit points of 2nd and 3rd year Psychology units.

**Contact hours:** 3 per week **Credit Points:** 12

**Campus offered:** CA

**Semester:** 1, 2

### ► PYB350 ADVANCED STATISTICAL ANALYSIS

The unit provides students with a thorough grounding in analysis of variance techniques and an introduction to multiple regression: data analysis tools used in a broad range of research designs in the social sciences. The unit extends the introduction to analysis of variance and regression provided in PYB210, considering more complex designs involving two or more independent variables. The unit is both theoretical (including the use of conceptual formulae to analyse simple data sets by hand) and practical (analysing data sets using the SPSS statistical package), with the aim of giving students a firm understanding of the principles underlying each analysis. The role of statistical analyses in the broader context of designing and interpreting valid research is emphasised.

**Courses:** PY45, PY07

**Prerequisites:** PYB210

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** CA

**Semester:** 2

### ► PYB353 OCCUPATIONAL AND VOCATIONAL PSYC

Psychological research underpins the focus of this unit. The first 8 weeks expand the student's understanding of selection systems. Topics covered include principles of selection, job analysis, final decisions and utility analysis. Beyond this there is a focus on 'tools' used such as work samples, psychological tests, interviews and bio-data. In later weeks, issues relating to career planning and choice are examined. Relevant theories surrounding human development, needs, interests, values, personality factors, social cognition and person-organisation fit are outlined. The focus then moves to tools available for career guidance. Again there is a focus on the intersection of theory and practice. For both parts of the unit, lectures will focus on research findings, while workshops will focus on the practical implications of such knowledge.

**Courses:** PY45, PY07,

**Prerequisites:** 36 credit points of second or third year psychology units

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** CA

**Semester:** 2

### ► PYB356 COUNSELLING THEORY AND PRACTICE 2

This unit focuses on the common facilitative factors within a counselling process paying attention to the person of the therapist and the counselling relationship. In order to respond appropriately and therapeutically to the needs of their clients, counsellors must have a clear understanding of the social and interactive processes which occur. Consideration of Verbal, non-verbal, social, emotional, gender, psychological and social dimensions enables counsellors to develop effective, functional and client-focused relationships and to control biases, needs and possible exploitive practices.

**Courses:** PY45, PY07

**Prerequisites:** PYB208

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** CA

**Semester:** 1

### ► PYB358 ADVANCED DEVELOPMENTAL PSYCHOLOGY

In this unit the focus is on child development, with an emphasis on the infant and child up to adolescence. Students will review images of children and the unfolding of their cognitive abilities within the cadre of theories of cognitive development. Among the areas that will be studied are the nature and development of memory, the development of numerical thinking, and children's ability to understand another's view of the world. In addition to these topics a substantial part of the unit will be concerned with the acquisition (both normal and atypical) of language, including also the acquisition of language in the bilingual child.

**Courses:** PY45, PY07

**Prerequisites:** 36 credit points of second level psychology units including PYB051 or PYB203 as one of the units

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** CA

**Semester:** 2

## UNIT SYNOPSES

### ► PYB359 INTRODUCTION TO FAMILY THERAPY

Family therapy, based on a systemic or relationship understanding of human problems, has been one of the most significant influences in the fields of counselling and psychology in recent times. With the increasing emphasis on the family as a focus for social policy, support services, research and intervention, it is important for counsellors and psychologists to have some familiarity with the basic concepts and skills of this broad approach. This unit focuses on providing basic skills and concepts from one particular approach which will be called 'Constructive Therapy', combining aspects of solution-focused therapy, possibility therapy, narrative therapy and reflecting team practice. Students will also be given opportunities to contrast this approach with other major models, and to examine its uses with particular kinds of family situations.

**Courses:** PY45, PY07

**Prerequisites:** PYB208

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 2

### ► PYB360 INTERVENTIONS FOR ADDICTIVE BEHAVIOURS

Addictive behaviours, in the form of alcohol dependence, substance abuse and gambling, are recognised as major problems nationally and internationally. This unit focuses predominantly on psychological aspects of addictive behaviours. To establish a framework for learning, classes will initially review issues relating to psychological models of addiction and methods of studying addictive behaviours. Issues pertaining to the symptomatology, etiology and assessment of addictive behaviours, as well as the theoretical underpinnings of a range of therapeutic interventions will also be discussed. This unit encourages critical thinking and analysis with the aim of enhancing students' understanding of the complex issues relating to management of addictive behaviours.

**Courses:** PY45, PY07

**Prerequisites:** PYB260

**Contact hours:** 3 per week **Credit Points:** 12  
**Incompatible with:** PYB460

**Campus offered:** CA **Semester:** 2

### ► PYB371 INTRODUCTION TO ROAD SAFETY

This unit will introduce the key principles and practices in road safety. Special emphasis will be given to the broad context of road use/transport in society and the economic and social implications of road crashes. It will introduce the basics of information retrieval, road crash analysis and interpretation, and the strategic development of road safety countermeasures.

**Courses:** PY45, PY07

**Prerequisites:** 96 credit points

**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** CA **Semester:** 1

### ► PYB372 TRAFFIC PSYCHOLOGY AND BEHAVIOUR

This unit will review the wide range of factors that influence the behaviour of road users, particularly those that contribute to the incidence of road crashes or exacerbate their severity. It will consider all types of road users, including motor vehicle drivers and passengers, motorcycle riders, cyclists and pedestrians. The student will examine a range of theoretical models which have been used to explain the behaviour of road users.

**Courses:** PY45, PY07

**Prerequisites:** 96 credit points

**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** CA **Semester:** 1

### ► PYB374 APPLYING TRAFFIC PSYCHOLOGY

This unit will review the various strategies and programs designed to modify road user behaviour. Effective and ineffective approaches will be compared, in order to identify the key characteristics of successful programs. While this is a stand-alone unit, it extends many of the theoretical and practical issues covered in PYB372 - Understanding Road User Behaviour.

**Courses:** PY45, PY07

**Prerequisites:** One year of undergraduate study.

**Contact hours:** 3 per week **Credit Points:** 12  
**Campus offered:** CA **Semester:** 2

### ► PYB400 THESIS 1-4

This unit covers four parts (each of 12 credit points) which must be completed satisfactorily, leading to the submission of a research thesis. Students select a research topic and design and conduct a related research program using appropriate quantitative/qualitative methods of analysis. This research is reported in a written thesis in APA fourth edition format. Assessment of the thesis will be in accordance with University assessment procedures.

**Courses:** PY09

**Contact hours:** 3 per week **Credit points:** 12  
each part (48 in total)

**Campus offered:** CA **Semester:** 1, 2

### ► PYB401 ADVANCED RESEARCH METHODS

Provides the student with a firm understanding of a range of multivariate procedures as well as the skills to apply each analysis appropriately. In addition this unit aims to prepare students as critical consumers of psychological research.

**Courses:** PY09

**Prerequisites:** PYB350 or equivalent

**Contact hours:** 3 per week **Credit points:** 12

**Campus offered:** CA **Semester:** 1

### ► PYB402 COUNSELLING PSYCHOLOGY

This unit introduces the field of counselling psychology, one of the specialised professional Colleges within the Australian Psychological Society. The thematic focus is on the critical analysis, comparison, and evaluation of selected counselling orientations (for example, Solution-focused therapy, Narrative therapy, Cognitive-behavioural therapy, Psychodynamic therapy, etc) The comparison of these approaches involves a consideration of major contemporary issues relating to the integration of theory, research and ethical practice.

**Courses:** PY09, PY20

**Prerequisites:** PYB208 or equivalent

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 1

### ► PYB403 COGNITIVE NEUROPSYCHOLOGY

This unit aims to provide a broad introduction to the area of neuropsychology and discusses both the clinical and cognitive approaches in the field. Three broad areas will be covered, neuroanatomy, neuropathology, and the cognitive analysis of resulting deficits. The student will extend their knowledge of major neuroanatomical structures and their interconnections, with an emphasis on how this information is applied in the clinical setting. A number of neuropsychological disorders will also be examined in terms of their diagnosis, assessment and treatment, as well as the psychosocial effects such deficits have on the patients. The deficits themselves will be considered from a cognitive perspective, with a view not only to understand the nature of the dysfunction but also to further specify our knowledge regarding the functional architecture of the cognitive system. Disorders will include the more commonly occurring illnesses such as stroke and Traumatic Brain Injury, and some of the resulting cognitive deficits, such as aphasia, memory impairments, and the planning and execution of everyday tasks.

**Courses:** PY09

**Prerequisites:** PYB303, PYB304, PYB311

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 1

### ► PYB404 ISSUES IN SOCIAL DEVELOPMENT PSYCHOLOGY

This unit evaluates the contributions of social and developmental psychology to the understanding of human behaviour. The unit examines topics in social development, as they relate to families and individuals across the lifespan.

**Courses:** PY09

**Prerequisites:** 3 years of psychology and PYB203 or equivalent

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 1

### ► PYB405 ADVANCED ORGANISATIONAL PSYCHOLOGY

Students will explore the role of organisational psychologists as both internal and external consultants who are skilled psychological researchers. Special attention will be given to the interaction between organisation systems, community needs, and human beings in differing cultural, political and economic environments.

**Courses:** PY09

**Prerequisites:** PYB205, PYB302

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 1

### ► PYB407 RESEARCH AND PROFESSIONAL DEVELOPMENT SEMINAR

This unit is intended to develop and extend students' understanding of research and practice issues in psychology. It will cover current debates and controversies within psychology and students will be encouraged to formulate critical responses to these topics. Attention will also be given to the issue of ethics in psychological research and practice. A case-based approach to the study of ethics will be used, with reference to the APS Code of Ethics as well as Codes from similar international organisations. Where possible guest speakers, including researchers and practising psychologists, will be invited to participate in seminars to develop and expand students' understanding of broader issues in psychological research and practice.

**Courses:** PY09

**Prerequisites:** PYB401

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 2

### ► PYB450 THESIS 1-3

Research project, listed as three separate 12 credit point units. To be completed as a group empirical research project.

**Courses:** PY20

**Credit points:** 12 each (36 in total)

**Campus offered:** CA **Semester:** 1, 2

### ► PYN000 COUNSELLING STUDIES 1

This unit is intended to provide the student with an initial overview of the field of counselling, before focusing on the theory and practice of one contemporary perspective called 'Constructive' or 'Time-Effective' Therapy. It is an approach based largely in social constructionist principles and promotes a view of counselling as a unique conversational process which attempts to both validate the client's experience, while pursuing possibilities for desired change. It also suggests a time-effective perspective, emphasising the possibility of working briefly and effectively with clients. Selected ideas and practices from several related approaches including Solution Focused Therapy, Possibility Therapy and Narrative Therapy will be integrated. Students will learn and practice foundational relationship-building and goal setting skills, as well as examining more advanced applications. In addition, students will be introduced to important concepts and skills from the area of crisis counselling.

**Courses:** PY12

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 1

### ► PYN001 PROFESSIONAL STUDIES 1

This is an introduction to the professional study of Counselling and the 'Common Factors' present in most Counselling approaches. These factors, which include the working relationship, the focus on client resources, and the instillation of hope, contribute greatly to the Counselling outcome. In order to respond appropriately and therapeutically to the needs of their clients, counsellors must have a clear understanding of the social and interactive processes that occur in counselling. Verbal, nonverbal, social, emotional, gender, psychological and cultural dimensions are all present in the counselling process. Consideration of these dimensions enables counsellors to develop effective, functional and client-focussed relationships and to control biases, needs and possible exploitative practices.

**Courses:** PY12

**Contact hours:** 3 per week **Credit points:** 12  
**Campus offered:** CA **Semester:** 1

## UNIT SYNOPSES

### ► PYN002 COUNSELLING STUDIES 2

The historical development of psychoanalysis and analytic therapy is examined as well as the utilisation of concepts derived from these approaches and from Process/Experiential work. Understanding of the differences between neurotic and psychotic behaviour, and of the need for appropriate referral, is highlighted.

**Courses:** PY12

**Prerequisites:** PYN000

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** CA                      **Semester:** 2

### ► PYN003 GROUP STUDIES

The development of skills and approaches in organising and facilitating group work, in the context of personal support and therapeutic groups. Establishing group norms; facilitating stages of group development; responding to member behaviour and developing facilitator interventions; planning, implementing and evaluating ethical group work practices; dealing with defensiveness and hidden agendas; applying brief solutions-focused and reflecting team processes to groups; examining the motion of the therapeutic milieu.

**Courses:** PY12

**Prerequisites:** PYN001

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** CA                      **Semester:** 1

### ► PYN004 COUNSELLING STUDIES 3

This unit is designed to provide both an experiential and skills-based approach to specific approaches. The unit is taught in two complementary strands. One strand is largely experiential which focuses on student's exploration of their own family of origin and family dynamics. The second strand extends the process into specific theoretical perspectives and skill development. The approaches build on some of the major orientations and skill areas covered in your previous units: constructive therapies (ie solution-focused therapy and narrative therapy), psychodynamic approaches, and reflecting team work.

**Courses:** PY12

**Prerequisites:** PYN002

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** CA                      **Semester:** 1

### ► PYN006 PROFESSIONAL STUDIES 2

This unit provides an experiential introduction to the process of professional supervision. Supervision processes, roles, responsibilities, content, approaches and theories are reviewed. Each student will have the experience of being supervised using one of five major counselling supervision approaches: Solution-Oriented, Narrative, Process-Experiential, Analytic and Group-Developmental. Professional issues commonly addressed in supervision such as power, gender, culture, consent, duty of care etc are reviewed.

**Courses:** PY12

**Prerequisites:** PYN001

**Credit points:** 12  
**Campus offered:** CA                      **Semester:** 1

### ► PYN007 PROFESSIONAL STUDIES 3

Clinical supervision involves the development of a working alliance between a counsellor and another skilled professional in order to examine and reflect on the counsellor's work. The role of the supervisor ranges from an educative, advisory one through to a supportive, collaborative and consultative approach depending on the counsellor's level of professional development and competence. Supervision can occur individually or in groups and can take place 'in vivo+' (during actual counselling) or delayed (using self reporting or taped material).

**Courses:** PY12

**Prerequisites:** PYN006

**Credit points:** 12  
**Campus offered:** CA                      **Semester:** 1

### ► PYN008 PROJECT 1-3

Students undertake an individual project of theoretical and/or empirical research in a selected area of counselling. The project is supervised by a member of the teaching staff and progressive work is presented to other students. The completed project is to be presented in the form of a dissertation of not more than 15,000 words. Op-

portunity may be provided to work in the Family Therapy and Counselling Clinic as a way of achieving Project requirements. PYN008/1 is completed in semester 1, and PYN008/2 and PYN008/3 are completed in semester 2.

**Courses:** PY12

**Prerequisites:** PYN005

**Contact hours:** 3 per week equivalent

**Credit points:** 12 for each section

**Campus offered:** CA

### ► PYN013 ADVANCED COUNSELLING STUDIES

This elective unit is designed to allow students to build on these skills by pursuing counselling studies in two or more specialised areas. Students will select studies in two modules. Areas from which selections can be made might include: Experiential Therapy, Family Therapy, Narrative Therapy, Relationship Counselling, Depression, Loss and Grief and Group Work. Students may also complete one or both modules through approved forms of independent study (eg completion of approved workshops, courses or special areas of alternative study).

**Courses:** PY12

**Prerequisites:** PYN000

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** CA                      **Semester:** 2

### ► PYN026 ADVANCED PSYCHOLOGICAL INTERVENTIONS1

This unit provides the fundamental theoretical and applied approaches of counselling psychologists. It includes three major approaches to counselling - psychodynamic solution focused/narrative and cognitive behavioural therapies. A wide range of therapeutic procedures suitable for clients who present typically for counselling are discussed, as well as encouraging students to constructively criticise and utilise the ever-increasing literature in counselling psychology. The unit focuses on individual clients who have experienced major traumatic or developmental concerns.

**Courses:** PY17

**Prerequisites:** PYB402

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** CA                      **Semester:** 1

### ► PYN027 ADVANCED PSYCHOLOGICAL ASSESSMENT

This unit is designed to build on undergraduate training in psychometric assessment by reinforcing the understanding of theoretical perspectives in testing, increasing the range of tests with which the student is familiar, and developing competency in test administration, interpretation, and report writing in the counselling context.

**Courses:** PY17

**Prerequisites:** PYB311 or equivalent

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** CA                      **Semester:** 1

### ► PYN030 ETHICAL, LEGAL AND SUPERVISION ISSUES IN COUNSELLING PSYCHOLOGY

Counselling psychology practice involves a unique process which requires an understanding of special roles, power relationships, boundaries and ethical principles in order to safeguard client rights. This unit presents an overview of ethical, legal and professional issues encountered in practice, and also emphasises the role of supervision in addressing these.

**Courses:** PY17

**Prerequisites:** PYN026

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** CA                      **Semester:** 2

### ► PYN031 RESEARCH THESIS 1 - 4

In completing the thesis, students will be expected to demonstrate competency in critical and analytic thought, on the one hand, and research-related skills, on the other, in a context that may make a contribution to the literature of Counselling Psychology. The unit will be divided into four 12 credit point sections which will be PYN031/1, PYN031/2, PYN031/3, PYN031/4.

**Courses:** PY17

**Credit points:** 48

### ► PYN033 UNDERSTANDING AND TREATING POST TRAUMATIC STRESS DISORDER

The acceptance of Post Traumatic Stress Disorder (PTSD) as a diagnosis is indeed related to the effects of trauma in victims of Vietnam War. However, the pervasiveness of post traumatic stress disorder can be traced throughout human history. Currently the epidemiology, etiology diagnosis and treatment of PTSD is experiencing unprecedented interest by a whole range of therapeutic professions. This unit focuses upon the way counselling psychologists can be useful in the understanding and the treatment of trauma in general and PTSD in particular.

**Courses:** PY17

**Prerequisites:** PYN026

**Corequisites:** PYN029

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** CA                      **Semester:** 2

### ► PYN035 SUPERVISED PRACTICUM

This unit provides students with exposure to settings where counselling is the most frequently used therapeutic procedure. This unit will consist of supervised client contact of up to 250 hours.

**Courses:** PY17

**Prerequisites:** PYN030

**Credit points:** 12

**Campus offered:** CA                      **Semester:** 1

### ► PYN036 SUPERVISED PRACTICUM 2

This unit is intended to expose students to further in-depth experience of counselling psychology by focusing on placements, continuing on from PYN035.

**Courses:** PY17

**Prerequisites:** PYN035

**Credit points:** 12

**Campus offered:** CA                      **Semester:** 2

### ► PYN037 SUPERVISED PRACTICUM 3

This core unit of the Master of Counselling Psychology course is intended to expose students to further in-depth experience of counselling psychology by focusing on placements.

**Courses:** PY17

**Prerequisites:** PYN036

**Credit points:** 12

**Campus offered:** CA                      **Semester:** 1

### ► PYN038 SUPERVISED PRACTICUM 4

This core unit of the Master of Counselling Psychology course is intended to expose students to further in-depth experience of counselling psychology by focusing on placements.

**Courses:** PY17

**Prerequisites:** PYN037

**Credit points:** 12

**Campus offered:** CA                      **Semester:** 2

### ► PYP301 HYPNOSIS: PROCESSES AND TECHNIQUES

Students are instructed how to apply the general techniques and processes to health practices in general, learn about ethics and problems that may arise in normal practice and how to ensure high standards of client care with both children and adults. The use of music in hypnosis-appropriate group inductions, ego-strengthening and direct suggestion, the role of hypnosis in psychosomatic medicine. Topics include: anxiety treatment, pain management, habit control, malleability of memory, smoking cessation, treating depression, help with eating disorders, stress management and self-hypnosis.

**Courses:** PY30, PY32

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** CA                      **Semester:** 1

### ► PYP304 FOUNDATIONS OF EFFECTIVE CLINICAL RESEARCH IN HYPNOSIS

Describes the theories and models of hypnosis in the textbooks; demonstrates an understanding of various hypnotic phenomena; and describes ways in which hypnotic test scales can be utilised in research.

**Courses:** PY30

**Contact hours:** 3 per week    **Credit points:** 12  
**Campus offered:** CA                      **Semester:** 1

### ► PYP306 DISSERTATION: CLINICAL RESEARCH REVIEW 1-3

PYP306/1: Designs the plan of the literature review within a specialised area and conducts an

## UNIT SYNOPSES

initial survey of the literature on an approved topic. PYP306/2: Develops the literature review by widening the breadth and depth of the searches and refining the earlier hypotheses and producing a draft of the review. PYP306/3: Students complete the review and write the final document under the direction of the supervisor.

**Courses:** PY30

**Contact hours:** 1 per week      **Credit points:** 12  
**Campus offered:** CA                      **Semester:** 1, 2

► **PYP307 CLINICAL CASE SUPERVISION (GROUP AND INDIVIDUAL)**

Develops effective and creative applications of the hypnotic techniques within the areas of clinical speciality of the students participating.

**Courses:** PY30, PY32

**Contact hours:** 2 per week      **Credit points:** 12  
**Campus offered:** CA                      **Semester:** 1

► **PYP308 CLINICAL HYPNOSIS; FOUNDATIONS IN THEORY AND PRACTICE**

This unit develops the student's knowledge concerning the nature of hypnosis and its phenomena, its theoretical basis and the ethical and legal considerations that must be taken into account within a clinical practice in hypnosis.

**Courses:** PY30, PY32

**Contact hours:** 3 per week      **Credit Points:** 12  
**Incompatible with:** PYP300

**Campus offered:** CA                      **Semester:** 1

► **PYP401 INTRODUCTION TO ROAD SAFETY**

This unit will introduce the key principles and practices in road safety. Special emphasis will be given to the broad context of road use/transport in society and the economic and social implications of road crashes. It will introduce the basics of information retrieval, road crash analysis and interpretation, and the strategic development of road safety countermeasures.

**Courses:** PY40, PY41

**Contact hours:** 3 per week      **Semester:** 1  
**Campus offered:** CA

► **PYP402 TRAFFIC PSYCHOLOGY AND BEHAVIOUR**

This unit will review the wide range of factors that influence the behaviour of road users, particularly those that contribute to the incidence of road crashes or exacerbate their severity. It will consider all types of road users, including motor vehicle drivers and passengers, motorcycle riders, cyclists and pedestrians. A range of theoretical models will be examined which have been used to explain the behaviour of road users.

**Courses:** PY40, PY41

**Contact hours:** 3 per week      **Credit points:** 12  
**Campus offered:** CA                      **Semester:** 1

► **PYP404 APPLYING TRAFFIC PSYCHOLOGY**

This unit will review the various strategies and programs designed to modify road user behaviour. Effective and ineffective approaches will be compared, in order to identify the key characteristics of successful programs. While this is a stand-alone unit, it extends many of the theoretical and practical issues covered in PYP402 - Understanding Road User Behaviour.

**Courses:** PY40, PY41

**Contact hours:** 3 per week      **Credit points:** 12  
**Campus offered:** CA                      **Semester:** 2

► **PYP406 ROAD SAFETY THEORY TO PRACTICE**

This unit will be undertaken in the latter half of both the Graduate Certificate and Graduate Diploma courses and will draw together the various themes developed during the program. It is designed to provide students with an opportunity to study and respond to an existing or emerging road safety problem. The student will be required to draw on the knowledge and skills they have developed to investigate and recommend solutions to the problem. As far as possible, the unit will be designed to reflect the way road safety problems are approached and managed by road safety agencies.

**Courses:** PY40, PY41

**Prerequisites:** PYP401

**Contact hours:** 12 per semester, plus weekly contact with the Unit Coordinator

**Credit points:** 12

**Semester:** 1

► **PYP407 INDEPENDENT STUDY**

This unit will enable students to undertake an independent study based in their places of work. Individual supervision and objective feedback on the experience will be an important component of the learning experience.

**Courses:** PY41

**Prerequisites:** PYP401

**Contact hours:** Weekly contact with Supervisor

**Credit points:** 12

**Campus offered:** CA                      **Semester:** 1, 2

► **QCD110 COMMUNICATION FOR BUSINESS 1**

Focuses on the macro-skills of listening, reading, writing and speaking; establishes techniques for extending vocabulary; uses spoken and written texts of an academic nature to summarise, analyse, make inferences and recognise key concepts; incorporates strategies for effective group participation in a cross-cultural context; helps students learn techniques for writing successfully in genres appropriate to their field of study.

**Courses:** BS40, IF06, QC03

**Contact hours:** 4 per week      **Credit points:** 12  
**Campus offered:** KG                      **Semester:** 1, 2, 3

► **QCD120 COMMUNICATION FOR INFORMATION TECHNOLOGY 1**

Focuses on the macro-skills of listening, reading, writing and speaking; establishes techniques for extending vocabulary; uses spoken and written texts of an academic nature to summarise, analyse, make inferences and recognise key concepts; incorporates strategies for effective group participation in a cross-cultural context; helps students learn techniques for writing successfully in genres appropriate to their field of study.

**Courses:** IT10, QC03

**Contact hours:** 4 per week      **Credit points:** 12  
**Campus offered:** KG                      **Semester:** 1, 2, 3

► **QCD210 COMMUNICATION FOR BUSINESS 2**

Further explores vocabulary and grammar and generic structure to develop skills of speaking and writing in context of Field, Tenor and Mode. Effective speaking skills are developed according to academic presentation requirements. Skills for coherent and well-structured writing are also extended to enable efficient essay writing and the refinement of exam techniques. Language and structure appropriate to commercial, technical and academic communication are developed in support of business subjects. Communication for Business 2 language learning tasks are parallel with content material from these units.

**Courses:** BS40, IF06, QC03

**Prerequisites:** QCD110 or IELTS 6.5 or approved equivalent

**Contact hours:** 4 per week      **Credit points:** 12  
**Campus offered:** KG                      **Semester:** 1, 2, 3

► **QCD220 COMMUNICATION FOR INFORMATION TECHNOLOGY 2**

Further explores vocabulary and grammar and generic structure to develop skills of speaking and writing in the context of Field, Tenor and Mode. Effective speaking skills are developed according to academic presentation requirements. Skills for coherent and well-structured writing are extended to enable efficient essay writing and the refinement of exam techniques. Language and structure appropriate to commercial, technical and academic communication are developed in support of technology subjects. Communication for Information Technology 2 language learning tasks are parallel with content material from these units.

**Courses:** IT10, QC03

**Prerequisites:** QCD120 or IELTS 6.5 or approved equivalent

**Contact hours:** 4 per week      **Credit points:** 12  
**Campus offered:** KG                      **Semester:** 1, 2, 3

► **QCE001 GENERAL ENGLISH (FULL-TIME)**

General English offers English language and study skills for students preparing for entry into

English for Academic Purposes, Foundation and Diploma courses and QUT undergraduate and postgraduate award programs. Courses are offered at all levels from elementary to advanced.

**Courses:** QC20, QC21

**Contact hours:** 25 per week **Credit points:** 16  
per 5 week module

**Campus offered:** KG                      **Semester:** 1, 2, 3

► **QCE002 GENERAL ENGLISH (PART-TIME)**

General English offers English language and study skills for students preparing for entry into English for Academic Purposes, Foundation and Diploma courses and QUT undergraduate and postgraduate award programs. Courses are offered at all levels from elementary to advanced. Study in this unit is only granted upon special arrangement.

**Courses:** QC20, QC21

**Contact hours:** 12.5 per week

**Credit points:** 8 per 5 week module

**Campus offered:** KG                      **Semester:** 1, 2, 3

► **QCE003 ENGLISH FOR ACADEMIC PURPOSES FOR DIRECT ENTRY TO QUT**

The major aim of the English for Academic Purposes course is to assist international students to upgrade their English proficiency level and to meet university entry requirements. This course is designed to prepare students for independent study and to familiarise them with an Australian academic setting in terms of study techniques and student/lecturer relations and expectations.

**Courses:** QC10

**Contact hours:** 25 per week      **Credit points:** 48  
**Campus offered:** KG                      **Semester:** 1, 2, 3

► **QCE004 ENGLISH FOR ACADEMIC PURPOSES FOR QUTIC COURSES**

The major aim of the English for Academic Purposes course is to assist international students to upgrade their English proficiency level and to meet university entry requirements. This course is designed to prepare students for independent study and to familiarise them with an Australian academic setting in terms of study techniques and student/lecturer relations and expectations.

**Courses:** QC10

**Contact hours:** 25 per week      **Credit points:** 48  
**Campus offered:** KG                      **Semester:** 1, 2, 3

► **QCF111 TERTIARY PREPARATION STUDIES 1**

Introduces students to the study and learning skills required in an Australian university while gaining an understanding of the Australian culture and society; Australia's Indigenous People, a brief review of Australian history; the family and multiculturalism; using the computer to gather information and communicate in an academic environment, assignment presentation, study skills and examination techniques.

**Courses:** QC02

**Contact hours:** 6 per week      **Credit points:** 12  
**Campus offered:** KG                      **Semester:** 1, 2, 3

► **QCF112 COMMUNICATION 1**

Designed to help students communicate successfully in a variety of situations; the fundamentals of both oral and written communications set within the context of a number of academic situations; oral communication; effective listening skills; knowledge of how to conduct a seminar; the gathering of information from a variety of sources and its organisation for specific purposes; the various writing genres and the correct use of conventions in the English language.

**Courses:** QC02

**Contact hours:** 6 per week      **Credit points:** 12  
**Campus offered:** KG                      **Semester:** 1, 2, 3

► **QCF113 COMMUNICATION EXTENSION**

Provides English language support for students who are not able to reach their full potential in their other subjects because of their lack of English language proficiency; grammar workshops and individual sessions where students can have support for assignment planning and editing, practising presentations and general assistance with any language problems. Note: Students are

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tested to establish if they are required to take this unit.

**Courses:** QC02

**Contact hours:** 2 per week    **Credit points:** Nil  
**Campus offered:** KG            **Semester:** 1, 2, 3

### ► QCF120 ACCOUNTING 1

Introduces the essential concepts of debit and credit; processing of financial transactions via journals and ledger through to trial balance for a sole-trading enterprise; end of accounting period adjustments and final reports, specifically preparation of Profit and Loss statements and Balance Sheets and accounting controls over cash.

**Courses:** QC01, QC02

**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** KG            **Semester:** 1, 2, 3

### ► QCF121 ECONOMICS 1

Introduces students to major economic issues; the basics of economic literacy necessary for future tertiary studies; a working knowledge of the global economy; an understanding of economic problems with particular reference to Australia; the main economic systems; the purpose of a five-sector model and the functions and characteristics of each sector.

**Courses:** QC01, QC02

**Contact hours:** 4 per week    **Credit points:** 12  
**Campus offered:** KG            **Semester:** 1, 2, 3

### ► QCF122 ORGANISATIONS AND MANAGEMENT

Provides students with an appreciation of what it is like to be part of an organisation, recognising that they play a major role in all aspects of our lives. Increasingly we are in an international environment where the emphasis is on the use of information, the ability to learn and innovate, and to handle change. The unit focuses on the skills and the understanding of concepts that are needed in all areas of organisational life and which contribute to job and life satisfaction.

**Courses:** QC01, QC02

**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** KG            **Semester:** 1, 2, 3

### ► QCF150 MATHEMATICS

Focuses on basic algebra; equations (including simultaneous equations); functions (including polynomials, exponential, logarithmic) and their graphs; growth and decay; introduction to trigonometry; introduction to matrices; factorisation; analytical geometry; averages; dispersion; probability.

**Courses:** QC01, QC02

**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** KG            **Semester:** 1, 2, 3

### ► QCF153 PHYSICAL SCIENCES 1

Introduces students to scientific study and research processes and the basic principles underlying physics and chemistry; heat and temperature; geometric properties of light; reflection and refraction; diffraction and interference; introduction to electricity and magnetism; the atom; chemical periodicity; chemical names and formulas; chemical bonding; chemical quantities; chemical reactions - stoichiometry; thermochemistry; the behaviour of gases; water and aqueous systems - properties of solutions.

**Courses:** QC01, QC02

**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** KG            **Semester:** 1, 2, 3

### ► QCF210 APPLIED PSYCHOLOGY

Introduces students experientially to the scientific study of human behaviour and mental activity. Topics include people, the world around us and building relationships; memory, cognition and intelligence; learning approaches; personality; vocational behaviour; stress; abnormal behaviour; motivation and emotion; working in groups and social influences.

**Courses:** QC01, QC02

**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** KG            **Semester:** 1, 2, 3

### ► QCF211 TERTIARY PREPARATION STUDIES 2

Develops the skills initiated in Tertiary Preparation Studies 1; Australian government and law; foreign policy; oral presentations and preparation and presentation of a report

**Courses:** QC01, QC02

**Prerequisites:** QCF111 or equivalent studies

**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** KG            **Semester:** 1, 2, 3

### ► QCF212 COMMUNICATION 2

Promotes clear and concise writing in particular genres (essays, assignments and reports) pertinent to undergraduate study; mastery of basic primary and secondary research skills related to assignment tasks; effective oral communication in seminar presentations and tutorial discussion; effective listening in lecture situations and answering exam questions with an awareness of relevance and time management.

**Courses:** QC01, QC02

**Prerequisites:** QCF112 or equivalent studies  
**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** KG            **Semester:** 1, 2, 3

### ► QCF220 ACCOUNTING 2

Examines various accounting sub-systems such as 10-column worksheets, control accounts and subsidiary ledgers; inventory and fixed asset systems; accounting for credit transactions; budgeting; cash flow and financial analysis techniques useful for management.

**Courses:** QC01, QC02

**Prerequisites:** QCF120 or equivalent studies  
**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** KG            **Semester:** 1, 2, 3

### ► QCF221 ECONOMICS 2

Introduces students to the study of macroeconomics. Topics include the five-sector model, the trade cycle, inflation and unemployment, government policy and the external sector.

**Courses:** QC01, QC02

**Prerequisites:** QCF121 or equivalent studies  
**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** KG            **Semester:** 1, 2, 3

### ► QCF230 INFORMATION PROCESSING

Introduces students to a range of problem-solving techniques and shows how these can be used to solve various problems using an object-oriented programming language; the foundation of relational databases in terms of storing, altering and retrieving information, using SQL for its implementation; a basis for the specification and implementation of information systems using relational algebra.

**Courses:** QC01, QC02

**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** KG            **Semester:** 1, 2, 3

### ► QCF240 LEGAL STUDIES

Introduces students to the Australian legal system through an examination of the meaning of law, the role of the courts and parliament, the importance of judicial precedent and alternative methods of dispute settlement; the fundamental elements of the law of torts including negligence, defamation, nuisance, assault and battery and trespass to land; the law of contract, including the formation of a contract, the factors that may affect the validity of a contract and the circumstances leading to the discharge of a contract; and an exploration of the theoretical basis of criminal law and an investigation of its operation in practice

**Courses:** QC01, QC02

**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** KG            **Semester:** 2

### ► QCF250 MATHEMATICS B

Focuses on rate of change; the derivative; stationary points; curve sketching; optimisation; integration; probability distribution; the binomial distribution; normal distribution; hypothesis testing; simple interest; compound interest; present and future values; annuities; amortisation of debts; sinking funds; budgeting; t tests; regression analysis and correlation.

**Courses:** QC01, QC02

**Prerequisites:** QCF150 or equivalent studies  
**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** KG            **Semester:** 1, 2, 3

### ► QCF251 MATHEMATICS C

Focuses on rate of change; the derivative; stationary points; curve sketching; optimisation; integration; probability distribution; the binomial distribution; normal distribution; hypothesis testing; trigonometry including trigonometrical ratios and circles; Pythagorean identities; periodic

functions, applications of integration; advanced topics in differential and integral calculus, error and approximation.

**Courses:** QC01, QC02

**Prerequisites:** QCF150 or equivalent studies  
**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** KG            **Semester:** 1, 2, 3

### ► QCF252 LIFE SCIENCE

Examines the themes of life, macromolecules, metabolism, cell structure, cell processes, biological diversity, plant and animal physiology. Emphasises practical skills both in the laboratory and in the field.

**Courses:** QC01, QC02

**Prerequisites:** QCF153 or equivalent studies  
**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** KG            **Semester:** 2

### ► QCF253 PHYSICAL SCIENCES 2

Prepares students for tertiary studies in the applied sciences and provides a solid foundation in basic chemistry, physics and experimental techniques; acids - bases - neutralisation; oxidation reduction reactions - electrochemistry; reaction rates and chemical equilibrium; introduction of organic chemistry; physical quantities, units, vectors/scalars; kinematics, graphical analysis of motion; vector addition and subtraction; force, mass, weight; Newton's three laws; circular motion; gravitational force, work, energy; power; momentum, force impulse, collisions; angular quantities, kinematic equations for rotational motion; simple harmonic motion.

**Courses:** QC01, QC02

**Prerequisites:** QCF153 or equivalent studies  
**Contact hours:** 5 per week    **Credit points:** 12  
**Campus offered:** KG            **Semester:** 1, 2, 3

### ► QCS211 ACADEMIC COMMUNICATION

Designed to develop the English communication skills of international students who intend to pursue tertiary studies in Australia. The skills learnt in this subject area are of vital importance in an academic context. Students will be advised first of all on effective thinking, listening and note-taking strategies. The unit objectives include the promotion of efficient reading methods and clear and concise writing in the conventional genres relevant to undergraduate and postgraduate study. Students will be expected to master basic primary and secondary research skills related to assignment tasks. Students will also be encouraged to develop speaking proficiency in tutorial discussion, oral presentation and seminar management. Under Review

**Courses:** QC03

**Contact hours:** 6 per week    **Semester:** 1, 2  
**Campus offered:** KG

### ► QCS212 TERTIARY STUDY SKILLS

Introduces international students to the expectations and demands of the education system in which they will continue their university studies. A thematic study of Australian culture and society will allow students to develop reading skills, written and oral presentation skills and effective research skills. Under Review

**Courses:** QC03

**Contact hours:** 4 per week    **Semester:** 1, 2  
**Campus offered:** KG

### ► QCS213 COMMUNICATION EXTENSION

Although not a compulsory subject the unit is designed as an English language support for students who are not able to reach their full potential in their other subjects because of their lack of English language proficiency. It consists of two main areas: grammar workshops and individual sessions where students can have support for assignment planning and editing, practising presentations and general assistance with any language problems. Under Review

**Courses:** QC03

**Contact hours:** 2 per week (Weeks 1-7 only)  
**Campus offered:** KG            **Semester:** 1, 2

### ► QCS230 COMPUTING

Designed to give international students the computing ability to function in tertiary studies in Australia. The unit covers access to the QUT network, Microsoft Windows, email, Internet,

## UNIT SYNOPSES

word processing and presentation, and the use of technology for research. \*Under Review

**Courses:** QC03

**Contact hours:** 4 per week

**Campus offered:** KG

**Semester:** 1, 2

### ► SCB222 EXPLORATION OF THE UNIVERSE

Introduction to optical observational astronomy; instrumentation; celestial sphere and astronomical coordinates, observations of constellations, stars, planets, clusters and other interesting celestial objects. Theory: optics of telescopes, properties of light, determination of physical properties of stars, nebulae, stellar spectra and classification, historical models of the solar system, Kepler's law, gravitation, physical geology of the planets and formation of the solar system, phenomena of astronomical origin, brief introduction to stars and galaxies. Practical exercises and field trips.

**Courses:** ED50, IF71, SC01

**Contact hours:** 5 per week **Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► SCB301 SCIENCE FOR DEAN'S SCHOLARS

The content of this unit is offered through a series of approximately six modules, of which students are required to complete three. The range of modules, together with the selection required, ensures that students have a broad foundation for advanced studies. The modules offered include Life Sciences, Chemistry, Physics, Mathematics, Statistics and Environmental Science.

**Courses:** SC01 (Dean's Scholars Accelerated Honours Program)

**Prerequisites:** At least three of the Senior subjects Biological Science, Chemistry, Earth Science, Mathematics B, Mathematics C, or Physics with at least 3 x (4 VHA)

**Contact hours:** 20 per week (for five weeks)

**Credit points:** 24

**Campus offered:** GP

**Semester:** 3

### ► SCB303 TUTORIAL PROGRAM FOR DEAN'S SCHOLARS

The content of this unit is designed in a consultative process involving the student, the academic mentor, and the Dean. The unit aims to allow the study of topics and concepts in science that will support the student's progress in initial studies in advanced level units.

**Courses:** SC01 (Dean's Scholars Accelerated Honours Program)

**Prerequisites:** SCB301

**Credit points:** 12

**Campus offered:** GP

**Semester:** 1

### ► SCB401 RESEARCH METHODS FOR DEAN'S SCHOLARS

Literature review; experimental design; research proposal formulation and writing; presentation of a research proposal.

**Courses:** SC01 (Dean's Scholars Accelerated Honours Program)

**Prerequisites:** Either (a) SCB301 and SCB303, or (b) completion of at least 8 units in the SC01 program, including at least 3 Faculty core units from List A and at least 3 from List B, with a GPA of at least 6.5

**Contact hours:** Arranged by academic mentor

**Credit points:** 12

**Campus offered:** GP

**Semester:** 2

### ► SCB402 EARTH RESOURCES MANAGEMENT

Appreciation of earth resources, their distribution and uses; societal and environmental impacts on future alternatives; economic mineral resources; energy sources; water and soil resources; realities and limits of earth resources; resource management; conservation versus exploration; waste disposal; environmental pollution; future technological developments and their possible effects on earth resources. Management in applied geology; professionalism and ethics together with an introduction to civil and mining law. Mining acts and miner's rights; licensing procedures for prospecting search and exploration; mining leases on crown lands and mining on private land; the enforcement of mining interest; petroleum legislation in Australia; company structure; joint ventures; practical work involves applica-

tions for exploration licences; claims and leases. A field trip may be included.

**Courses:** ED50, IF39, IF71, SC01

**Contact hours:** 4 per week **Credit points:** 12

**Campus offered:** GP

**Semester:** 1, 2

### ► SCB501 RESEARCH PROJECT FOR DEAN'S SCHOLARS

Individually tailored research project carried out under the supervision of a research mentor.

**Courses:** SC01 (Dean's Scholars Accelerated Honours Program)

**Prerequisites:** SCB401

**Contact hours:** (Individual research project)

**Credit points:** 24

**Campus offered:** GP

**Semester:** 1, 2

### ► SPB001 HUMAN DEVELOPMENT AND EDUCATION

Life span development for students interested in early childhood, primary or secondary. Theoretical perspectives on human development; cognitive, language, moral and social-emotional development; understanding differences in learners: the impact of ethnicity and culture on human development, exceptional development, and the concept of inclusive education.

**Courses:** ED43, ED50, ED51, ED52, ED55, ED56, ED57, IF70-79, IF81, IF82, IF83, IF84

**Contact hours:** 3 per week **Credit points:** 12

### ► SPB002 PSYCHOLOGY OF LEARNING AND TEACHING

Theories of learning, metacognition, motivation, problem-solving, thinking and creativity. Intelligence and thinking styles. Psychological dimensions of assessment. Creating optimum environments for learning. Teaching and learning implications of ethnicity and culture. Teaching to difference in a context of inclusive education.

**Courses:** ED26, ED50, ED51, ED52, ED53, ED55, ED56, ED57, IF70-79, IF81, IF82, IF83, IF84

**Contact hours:** 3 per week **Credit points:** 12

### ► SPB003 TEACHING CHILDREN WITH LOW INCIDENCE DISABILITIES AND HEALTH PROBLEMS

Introduction to a wide range of low incidence exceptionalities (for example sensory impairments, developmental delay and health impairments such as epilepsy, asthma and hepatitis, and so on); methods of managing associated disabling conditions; implementation and evaluation of programming; support and referral services.

**Courses:** ED43, ED50, ED51, ED52, ED54, ED55, IF70-79

**Prerequisites:** SPB001, SPB002

**Contact hours:** 3 per week **Credit points:** 12

### ► SPB004 TEACHING EXCEPTIONAL STUDENTS

Integrates a basic understanding and application of learning theory as it applies to exceptional populations. Focuses on approaches to teaching particular exceptional groups. Provides an opportunity for development of specialist skills and resources in one of the following areas: (a) students with learning difficulties; (b) gifted students; (c) students with low incidence disabilities, for example hearing impaired, visually impaired or physically handicapped; (d) behaviourally or emotionally disturbed students.

**Courses:** ED43, ED50, ED51, ED52, ED54, ED55, IF70-79

**Contact hours:** 3 per week **Credit points:** 12

### ► SPB006 EDUCATIONAL COUNSELLING

The nature of counselling/helping in educational contexts; the educator as counsellor; characteristics of effective helpers, practical development of communications skills, building an empathic relationship; structuring the counselling process; application of some counselling theories to the educational contexts; practical sessions using educationally based role plays to demonstrate effective use of the skills learned. Compulsory study school for external students. Incompatible with studies in Counselling or equivalent at Diploma of Teaching level.

**Courses:** ED13, ED26, ED43, ED50, ED51, ED52, ED54, ED55, ED61, IF70-79

**Contact hours:** 3 per week **Credit points:** 12

### ► SPB007 HUMAN SEXUALITY AND LEARNING

Key topics in sexual behaviour and learning such as heterosexual and homosexual sexuality across the life span, contraception, abortion, STDs, child sexual abuse, sexual assault, pornography. Implications for school, community, and health-care workers and educators, with emphasis on the former.

**Courses:** ED26, ED43, ED50, ED51, ED52, ED54, ED55, IF70-79, NS40, NS48

**Contact hours:** 3 per week **Credit points:** 12

### ► SPB008 THE MIDDLE YEARS OF SCHOOLING

Provides an understanding of the developmental needs and interests of young adolescents and reform initiatives being implemented by schools to address these issues. The unit analyses the work of agencies and major reports in the middle years of schooling and examines aspects of research focussing on reform in curriculum, pedagogy and the way schools are organised. The unit is one of four units forming a pathway into the middle years of schooling for primary and secondary teaching.

**Courses:** ED26, ED50, ED51, ED55, IF70-79

**Contact hours:** 3 per week **Credit points:** 12

### ► SPB009 RESEARCH METHODS IN EDUCATION

Development of an awareness and understanding of the research process for a historical, sociocultural, ethical and theoretical perspective; the validity, applicability and suitability of various research strategies for specific educational endeavours; comprehension and evaluation of research findings drawn from a variety of perspectives, paradigms and methodologies; development of skills to conduct research appropriate to answer questions.

**Courses:** ED23, ED26, ED28, ED43, ED50, ED51, ED52, ED54, ED55, IF70-79

**Contact hours:** 3 per week **Credit points:** 12

### ► SPB010 EDUCATION LAW AND THE BEGINNING TEACHER

Legal literacy; sources of education law; students- and rights; students- law and schools; parents law and education; teachers- rights and obligations; teachers and school-based accidents; educational malpractice.

**Courses:** ED26, ED43, ED50, ED51, ED52, ED54, ED55, IF70-79

**Contact hours:** 3 per week **Credit points:** 12

### ► SPB011 LEARNING/TEACHING ENVIRONMENTS

The environmental context for learning/teaching; the range of learning environments in education; how people interact in different learning environments; the design of learning experiences for people in non-formal learning contexts.

**Courses:** ED43, ED50, ED51, ED52, ED54, ED55, IF70-79

**Contact hours:** 3 per week **Credit points:** 12

### ► SPB012 CLASSROOM AND BEHAVIOUR MANAGEMENT

Reviews and extends knowledge about managing learners to meet their needs in purposive and responsive learning environments. A reflective and research oriented evaluation of topics is encouraged, including managerial, environmental and educational conceptions of developing positive relations, teaching for motivation, and contemporary models, structures and frameworks for decision-making, relating to co-operative learning environments.

**Courses:** ED43, ED50, ED51, ED52, ED54, ED55, IF70-79

**Contact hours:** 3 per week **Credit points:** 12

### ► SPB013 PROGRESSIVE STRATEGIES FOR GENERAL AND VOCATIONAL EDUCATION

The interface between general and vocational education is an issue faced by teachers in all educational systems as schools adopt and present programs in areas which were formerly the domain of TAFE. Familiarity with developments such as the competencies movements and competency based assessment, National Standards and Frameworks, are but a few of the recent edu-



## UNIT SYNOPSES

cational developments impinging on the profession of teaching. This unit promotes understanding of the principles of convergence, and the meaning and interpretation of competence in practice from both a national and international perspective. Strategies which enable students to plan, implement and assess work programs in a manner consistent with contemporary educational thought are explored.

**Courses:** ED26, ED50, ED54, ED55, IF70-79  
**Contact hours:** 3 per week **Credit points:** 12

► **SPB014 ADVANCED SKILLS OF EFFECTIVE LEARNING AND TEACHING**

The Queensland Education Departments corporate plan focuses on teachers having skills and attitudes to teach in a socially just framework and to facilitate effective learning and teaching. This unit develops understandings of the Principles for Effective Learning and Teaching and develops strategies which facilitate socially just teaching which is consonant with such principles and, at the same time, encourage lifelong teacher learning.

**Courses:** ED50

**Contact hours:** 3 per week **Credit points:** 12

► **SPB015 GETTING IT ALL TOGETHER: TEACHERS- PROFESSIONAL WORK IN THE DIFFERING CONTEXTS OF THE PRIMARY CLASSROOM**

Designed to address the multidimensional, diverse and complex nature of teachers professional work in the primary classroom with a view to developing in graduating teachers an holistic, comprehensive and critical approach to the curriculum dilemmas that permeate their work.

**Courses:** ED51

**Contact hours:** 3 per week **Credit points:** 12

► **SPB016 TEACHERS AND THE CURRICULUM**

Development of concepts and strategies essential to the processes of school-based curriculum development and the design, implementation and evaluation of relevant school programs; the significance of curriculum in the broader sense to a spectrum of individual professional teaching perspectives.

**Courses:** ED26, ED50, ED51, ED53, ED55, ED61, IF70-79

**Contact hours:** 3 per week **Credit points:** 12

► **SPB017 CLASSROOM MANAGEMENT: MODELS AND PRACTICE**

Practical and research-based approaches to classroom management and discipline for teachers. Includes techniques that motivate pupils in daily teaching, rule development, teaching for responsibility, dealing with parents and communication and settings for on-task behaviour and meeting student needs.

**Courses:** ED26, ED43, ED50-55, ED61, IF70-79

**Contact hours:** 3 per week **Credit points:** 12

► **SPB018 TEACHING STRATEGIES**

Evaluation of the students teaching strategies; the literature on teaching strategies; critical evaluation of strategies/models of teaching available.

**Courses:** ED26, ED50-52, ED54, ED55, ED61, IF70-79

**Contact hours:** 3 per week **Credit points:** 12

► **SPB019 INTRODUCTION TO EDUCATIONAL ADMINISTRATION**

Introduction to educational administration with particular reference to the theory and practice of work roles, motivation, leadership, decision making, change, conflict, needs assessment and presentation of written reports for various educational settings.

**Courses:** ED26, ED43, ED50, ED51, ED52, ED54, ED55, IF70-79

**Contact hours:** 3 per week **Credit points:** 12

► **SPB020 CLASSROOM ASSESSMENT PRACTICES**

Examination of nature and purpose of assessment; traditional and contemporary developments in the assessment of students in a range of settings; test construction and validation; record keeping and reporting, with emphasis on practical applications by practising teachers.

**Courses:** ED26, ED43, ED50-55, ED61, IF70-79

**Contact hours:** 3 per week **Credit points:** 12

► **SPB022 THE MIDDLE YEARS CURRICULUM**

This unit will enable students to gain an appreciation of the middle school movement and how this has the potential to impact on the needs and interests of young adolescents. The focus is on a more integrated approach to curriculum, teaching strategies appropriate to middle schools and authentic assessment.

**Courses:** ED26, ED50, ED51, ED55, IF70-79

**Contact hours:** 3 per week **Credit points:** 12

► **SPB023 ADULT LEARNING AND DEVELOPMENT**

The psychological foundations of human learning and development with special emphasis on adults. Contemporary theories and research issues such as cognition and learning, the effect of motivation on learning, understanding group dynamics, self/identity development, and creating effective learning environments will be explored.

**Courses:** ED54, ED26

**Contact hours:** 3 per week **Credit points:** 12

► **SPB024 ACQUISITION AND ADAPTABILITY OF WORKPLACE KNOWLEDGE AND SKILLS**

Explores the underlying theoretical constructs which may enhance the acquisition of knowledge and skills. In accord with the National Training Reform Agenda, issues such as multiskilling, contextualised learning, intervention to accelerate performance, and transfer of knowledge and skill are addressed.

**Courses:** ED54

**Contact hours:** 3 per week **Credit points:** 12

► **SPB025 THE INDIVIDUAL IN ADULT AND WORKPLACE EDUCATION**

Tailoring instruction to the needs and strengths of individuals and acquiring confidence in planning, organising and implementing learning experiences. The focus ranges from setting up initial meetings to creating responsive positive learning environments and evaluating outcomes in terms of individual learners.

**Courses:** ED54, ED26

**Contact hours:** 3 per week **Credit points:** 12

► **SPB026 ADULT EDUCATION IN THE WORKPLACE AND COMMUNITY**

The nature of all common forms of adult education, with particular emphasis on workplace and community settings; analyses key concepts and views of leading adult educators, and relates them to current attempts in Australia to provide effective forms of post-compulsory education and training.

**Courses:** ED54, ED26, ED61

**Contact hours:** 3 per week **Credit points:** 12

► **SPB027 ORIENTATION TO ADULT AND WORKPLACE PROGRAMS**

Basic concepts in curriculum and curriculum processes for contemporary adult, workplace and community education. The nature of programs; investigating needs, competencies and outcomes; planning learning opportunities; participant assessment and program evaluation.

**Courses:** ED54, ED26, ED61

**Contact hours:** 3 per week **Credit points:** 12

► **SPB028 THE GROUP IN ADULT AND WORKPLACE EDUCATION**

Introduction to the theory relating to groups and explores processes which occur in adult groups. Participants deal with practical applications for educational settings, with special emphasis on developing facilitating skills.

**Courses:** ED54, ED26, ED61

**Contact hours:** 3 per week **Credit points:** 12

► **SPB029 INSTRUCTIONAL STRATEGIES FOR ADULT AND WORKPLACE EDUCATORS**

Exploration of theories and practices related to effective instructional strategies in diverse settings; introduction to skills and concepts required by competent practitioners in formal and non-formal teaching and learning settings within workplaces and communities.

**Courses:** ED54, ED26, ED61

**Corequisites:** SPB027

**Contact hours:** 3 per week **Credit points:** 12

► **SPB030 PROGRAMMING IN ADULT AND WORKPLACE EDUCATION**

Important aspects of responsive programming for adult and workplace education. Covers the planning implementation, evaluation and reflection components of program development, design and delivery.

**Courses:** ED54, ED26

**Prerequisites:** SPB029

**Contact hours:** 3 per week **Credit points:** 12

► **SPB031 LAW IN THE ADULT AND WORKPLACE ENVIRONMENT**

Recent legal and legislative developments mean that employers and employees require greater awareness of their legal responsibilities in all workplace environments. This unit provides a level of legal literacy appropriate to sound legal risk management in workplace settings.

**Courses:** ED54

**Contact hours:** 3 per week **Credit points:** 12

► **SPB034 ORGANISATION AND ADMINISTRATION OF ADULT AND WORKPLACE EDUCATION**

Adult and workplace educators are responsible for the effective planning, organisation and management of a broad spectrum of training modules, courses and programs. This unit will assist the adult and workplace educator to explore, analyse and apply strategic planning and HRM processes within diverse organisational contexts. Emphasis will be placed on an understanding of the concepts and theories associated with enhancing learning at work, and human resource management, in order to guide effective practice.

**Courses:** ED54, ED26

**Prerequisites:** SPB026, CLB304

**Contact hours:** 3 per week **Credit points:** 12

► **SPN600 LEARNERS AND TEACHERS IN CONTEXT**

Introduction to course themes of the teacher as researcher and critically reflective practitioner; development of a variety of case study, experiential learning and research methodologies to investigate the nature of the learner and the learning process within a variety of social and cultural contexts; exploration of human development, individual differences, and the factors which can influence effective learning and teaching; the relationship of all of the above to Areas of Specialisation (Early Childhood, Primary, Secondary).

**Courses:** ED17, ED18, ED19

**Contact hours:** 5-6 per week **Credit points:** 24

► **SPN601 TEACHING STUDIES**

Introduces students to contemporary approaches to the curriculum and key learning areas, as well as provides the practical skills and understandings necessary for managing and promoting learning in a wide range of contexts.

**Courses:** ED17, ED18, ED19

**Contact hours:** 3 per week **Credit points:** 12

► **SPN602 PROFESSIONAL TEAMING, CASE AND PROJECT IMPLEMENTATION**

This unit focuses on the transition from pre-service student to qualified professional. The unit will provide an opportunity for refinement of knowledge, skills and understandings gained in previous semesters, and assist students to become independent, collaborative and reflective professionals.

**Courses:** ED17, ED18, ED19

**Contact hours:** 5-6 per week **Credit points:** 24

► **SPN603 INTERDISCIPLINARY PRIMARY CURRICULUM STUDIES**

The unit is designed to consolidate and expand students' developing understandings and capacities associated with classroom teaching, program planning, implementation and evaluation, and student assessment and reporting in specific key learning areas. It will also consolidate their curriculum understandings in the key learning areas with a view to ensuring that holistic, cross curriculum, student responsive planning and teaching will occur as an integral part of each

teacher's professional curriculum work in the primary context.

**Courses:** ED18

**Prerequisites:** SPN601

**Contact hours:** 3 per week **Credit points:** 12

► **SPN604 ISSUES IN CURRENT PROFESSIONAL PRACTICE**

In response to the rapidly changing political, cultural and social contexts within which education generally and schools in particular are operating, teachers need to re-think their roles and responsibilities and re-shape their relationships with students and the community. Major issues emerging include: sustainable social practice in a diverse cultural society, changing school structures such as site-based management, an increasing focus on student learning outcomes and the inter-relationship between curriculum changes and community expectations of schools. This unit contributes to the student's understanding of this changing context by addressing these issues at a theoretical level while challenging students to reflect upon implications of these changing contexts for their teaching practice.

**Courses:** ED17, ED18, ED19

**Contact hours:** 3 per week **Credit Points:** 12

► **SPN605 CHANGE, EVALUATION AND ACCOUNTABILITY IN EDUCATIONAL CONTEXTS**

This unit gives particular attention to the development of understandings and capacities relating to curriculum planning; assessment, evaluation and reporting; accountability; and to the need to be inclusively responsive to the diverse range of student backgrounds, abilities and aspirations. It examines relevant influences within a context of change as a basis for a more informed and critically aware understanding of where teachers and their professional work fit.

**Courses:** ED17, ED18, ED19

**Contact hours:** 3 per week **Credit Points:** 12

► **SPN610 ADVANCED EDUCATIONAL COUNSELLING**

The major theoretical approaches to counselling are applied to problems and concerns arising in the educational context. Theories outlined include Psychoanalytic, Adlerian, Existential, Person-Centred, Gestalt, Transactional Analysis, Behaviour, Rational-Emotive, and Reality. Skills and techniques associated with each major theory will be presented and related to educationally based problems and concerns. The effects and outcomes of counselling interventions will be investigated and ethical issues will be addressed.

**Courses:** ED13, ED11, ED61

**Prerequisites:** SPB006

**Credit points:** 12

► **SPN611 EDUCATIONAL COUNSELLING PROFESSIONAL PRACTICE**

Professional practices of educational counsellors working in the P-12 context; intervention, prevention, affective, and developmental programs discussed; adolescent issues and career counselling outlined; consultation: models, theories and practices; self-management skills highlighted: time management, program evaluation, accountability and decision-making discussed.

**Courses:** ED13, ED11, ED61

**Credit points:** 12

► **SPN612 PSYCHOEDUCATIONAL ASSESSMENT**

Assessment techniques and strategies; assessment of intelligence, academic skills, aptitude, personality; reliability, validity, test construction and standardisation procedures; the process of administering assessment instruments; interpretation of test results and assessment data; using assessment data in programming and placement.

**Courses:** ED13, ED11, ED28

**Credit points:** 12

► **SPN613 LEARNERS WITH SPECIAL NEEDS: PROGRAMMING FOR INCLUSIVE EDUCATION**

Special educational needs of children in early childhood, school (P-12) and post-secondary settings arising from physical, cognitive, behavioural and sociocultural differences; develop-

mental screening; diagnosing student functioning in cognitive, social-emotional, self-help and motor skill areas; programming and curriculum decision making for children with special needs; techniques of formative and summative assessment appropriate to student learning needs; strategies for inclusive education; roles and models of support and advisory personnel including in-service strategies.

**Courses:** ED13, ED11

**Credit points:** 12

► **SPN614 TEACHING STUDENTS WITH LEARNING DIFFICULTIES/DISABILITIES**

Teachers should view students as individuals who require different kinds of support and not as educational failures. Competing models for explaining the aetiology and characteristics of learning/literacy difficulties are evaluated and their educational implications explored. Students who experience difficulties must be given support especially in key areas such as literacy development. Governments are encouraged to offer support on the grounds of equity for individuals as well as long term economic benefits to the community.

**Contact hours:** Block

**Semester:** 2

► **SPN615 EDUCATIONAL INTERVENTION FOR CHALLENGING BEHAVIOUR IN THE CLASSROOM**

Aims to provide theoretical and practical knowledge for regular and special educators working in the area of behaviour management in schools. Preventative behaviour management practices will be addressed for the school and classroom and more specialised skills and strategies that may be utilised with challenging behaviour will be examined.

**Courses:** ED13, ED61, ED11

**Credit points:** 12

► **SPN616 BEHAVIOUR MANAGEMENT: PROGRAMS AND PLANNING**

Present behaviour management interventions for implementation in the supportive school environment. Skills of consultation and negotiation will be developed to enable dissemination to the broader educational community. Severe and aggressive behavioural problems will be investigated and interventions determined. Emphasis will be on the development, implementation, evaluation, and maintenance of appropriate interventions.

**Courses:** ED13, ED61, ED11

**Prerequisites:** SPN617

**Credit points:** 12

► **SPN617 ISSUES IN CLASSROOM MANAGEMENT**

Provides an overview of the domain and research on the various approaches to dealing with the prevention and management of behaviour difficulties in the school setting. These approaches include proposals for change in the structures of the school or education system, curricular strategies and methods of dealing with more difficult emotional or behavioural problems. The main emphasis of this unit however is an analysis of current management theories and the implications of these for school and classroom practice.

**Courses:** ED11, ED13, ED61

**Contact hours:** 3 per week **Credit points:** 12

► **SPN618 CAREER DEVELOPMENT PROGRAMS**

Focus on career planning as a lifelong process, emphasising that education and guidance programs focus on skill development for repeated decision-making throughout the life span. It will explore the complementary relationship between career education and career guidance.

**Courses:** ED13, ED11, ED61

**Contact hours:** 3 per week **Credit points:** 12

► **SPN619 CAREER THEORY**

Focus on a review of the theoretical perspectives that have influenced work in the area of career development. Recent attempts at integrating this diverse body of literature will be presented. Students will be encouraged to develop their own

position on the relevance of career theory to their practice and present their theoretical stance.

**Courses:** ED11, ED13, ED61

**Credit points:** 12

► **SPN620 CAREER COUNSELLING**

Aims to provide theoretical knowledge and practical skills relevant to career counselling which will enable students to effectively assist people to make appropriate career decisions.

**Courses:** ED13, ED61, ED11

**Prerequisites:** SPB006 OR SPN610

**Credit points:** 12

► **SPN621 ADULT AND WORKPLACE EDUCATION: PRINCIPLES AND PRACTICES**

The ethical basis, the contextual basis and the expert knowledge of adult and workplace education are explored through the themes of conceptualisation, teaching adults, change, flexible delivery, assessment and legal risk management. This will provide an extensive basis for further work, including research, in the area.

**Courses:** ED13, ED11

**Contact hours:** 3 per week **Credit points:** 12

► **SPN622 LEGAL RISK MANAGEMENT AND WORKPLACE EDUCATION**

The legal environment facing workplace educators is becoming evermore complex with significant increases in legislation and precedents arising from decisions reached in civil and industrial courts. This unit is based on a perception of workplace educators needing a level of legal literacy sufficient to recognise rights and responsibilities that will enable them, in collaboration with other specialists, to implement appropriate legal risk management strategies.

**Courses:** ED13, ED11

**Credit points:** 12

► **SPN623 STRATEGIC WORKPLACE EDUCATION**

Examines the effect of the organisational market niche and other influences on strategic decision-making in workplace education. In addition, the literature on learning organisations and organisational learning is expanding rapidly and this discourse needs to be examined in the light of its strategic dependence and influence. This unit will be conducted using the self-directed methodology of contract learning.

**Courses:** ED13, ED11, ED61

**Corequisites:** SPN621

**Contact hours:** 3 per week **Credit points:** 12

► **SPN624 FOUNDATIONS OF ADULT LEARNING AND DEVELOPMENT**

Provides students with an opportunity to develop an understanding of the complex nature of the adult learning and development process. This is achieved by exposing students to contemporary theories and strategies in adult learning and development and extending their knowledge to the adult and workplace environment. Key concepts such as the motivation, self-directed learning and knowledge construction are addressed. Special emphasis is placed on transferring the theory to practice.

**Courses:** ED13, ED11, ED61

**Contact hours:** 3 per week **Credit points:** 12

► **SPN625 CHANGING AGENDAS IN LEADERSHIP**

Addresses differing approaches to the study of leadership and management, and the dilemmas of responding to rapidly changing contexts. Issues such as school-based management, quality management, teachers as leaders are raised. The unit aims to enhance an understanding of leadership and provide a broad base for other work in the leadership and management area of interest.

**Courses:** ED13, ED11, ED61

**Credit points:** 12

► **SPN626 LEADING AND MANAGING PEOPLE**

A brief overview of changing views of leadership leads to seven themes of significance for leaders in the new organisation including the learning organisation, multiple leadership, site-based management, globalisation and interna-

## UNIT SYNOPSES

tionalisation, leaders and the law, leadership and equity issues, career management.

**Courses:** ED13, ED11, ED61

**Credit points:** 12

**Incompatible with:** PRN630, PRN631, PRN632

### ► SPN627 POLICY DEVELOPMENT AND ANALYSIS

Concentrates on developing understandings in students regarding leaders of change processes within organisations. Themes covered include the changing nature of organisations, organisational culture, organisational values, ethics and ethical leadership, communication, relationship building, the change process, leading the change process, accountability and organisational improvement.

**Courses:** ED13, ED11, ED61

**Credit points:** 12

**Incompatible with:** PRN609, PRN610

### ► SPN628 LEADERSHIP FOR CHANGE

Commences by orienting students towards key aspects of human resource management in organisations, including an investigation of the nature of work for workers in the post-corporate world and provides a general framework for leading and managing people within this challenging and changing context.

**Courses:** ED13, ED11, ED61

**Credit points:** 12

**Incompatible with:** PRN608

### ► SPN629 CURRENT ISSUES IN LEADERSHIP

Themes considered include the nature of policy, the notion of policy trends or policy agendas, policy analysis, issues of development and implementation, the relationship between policy and long-term social changes.

**Courses:** ED13, ED11, ED61

**Prerequisites:** SPN625

**Credit points:** 12

### ► SPN630 LEARNING, TEACHING AND SUPERVISION

Provides students with an excellent opportunity to develop an advanced understanding of learning and implications for teaching in their context. Students will be introduced to recent research on the nature of learning, meta-learning, epistemological beliefs in such a way that they critique their own practices.

**Courses:** ED11, ED13

**Credit points:** 12

### ► SPN631 LEADING CHANGE IN CONTEMPORARY PROFESSIONAL PRACTICE

Considers a range of contemporary problems and issues in cultures and climates of incessant educational change which impact on the professional practice of educators. These circumstances underline the need for curriculum leadership in professional practice. Problem areas include: managing behaviour in a supportive school environment; promoting inclusion practices; interpreting and implementing educational policy, for example the Whiltshire report; mentoring the beginning teacher; managing stress; implementing effective learning and teaching principles; translating teacher competencies into practice; creating and transforming organisational cultures. The unit provides the opportunity for students to focus on particular professional problems and issues of interest to them and, within the context of relevant literature and the realities of their particular professional situation, develop a change plan for addressing these problems and issues which is transformative and action-oriented.

**Courses:** ED13, ED11

**Credit points:** 12

### ► SPN633 CRITICAL FRAMEWORKS FOR ANALYSING THE MIDDLE YEARS OF SCHOOLING

Contextualises and conceptualises the key issues impacting on young adolescents engaged in the middle years of schooling. Focuses on a critical analysis of the origins and development of 'middle schooling' as concept and practice. Students will develop an understanding of ways in which the 'story' of middle schooling can be told from

different standpoints, and of ways in which the assumptions, principles, aims and practices of middle schooling can be celebrated, endorsed, critiqued and contested. Students should begin to refine their own standpoints in relation to education generally and to the middle-compulsory years of schooling in particular. They could then take those standpoints into their studies of subsequent units, where the standpoints could be unsettled, reworked, refined and applied.

**Courses:** ED11, ED13

**Contact hours:** 3 per week **Credit Points:** 12

### ► SPN634 RETHINKING PROGRAMS AND PEDAGOGIES: THE MIDDLE YEARS OF SCHOOLING

Develop programs and pedagogies in the middle years of schooling. A research orientation that focuses on recent initiatives to make curriculum organisation, programming, teaching and learning, and evaluation more responsive to the developmental needs and interests of young adolescents. The four modules relate to the reform agendas being advocated by the middle years of schooling movement, including integrative curriculum, appropriate pedagogies, responsive programming and evaluation and off-site learning.

**Courses:** ED11, ED13

**Credit points:** 12

### ► SPN635 ASSESSMENT AND REPORTING IN THE MIDDLE YEARS OF SCHOOLING

Focuses on recent initiatives to make assessment, recording and reporting student learning in a middle years context more responsive to the developmental needs and interests of young adolescents while at the same time encouraging educators to critically analyse and research what is espoused to be more flexible, responsive and collaborative assessment and reporting systems.

**Courses:** ED11, ED13

**Credit points:** 12

### ► SPP500 LEARNERS WITH SPECIAL NEEDS

Provides an overview of special educational needs of school (p-12) and TAFE College learners arising from cognitive, behavioural, sociocultural and physical disabilities and differences. The development of effective teaching/learning strategies suited to special educational needs will be a focus of this unit.

**Courses:** ED28, ED61

**Contact hours:** 3 per week **Credit points:** 12

### ► SPP501 CONSULTATION AND COMMUNICATION

Aims to provide theoretical knowledge and practical skills relevant to a consultation and collaboration model of services provided by teachers working in supportive roles within an educational setting. Intra and interpersonal skills will be addressed along with a review of the role and responsibilities of learning support teachers in inclusive settings.

**Courses:** ED28, ED61

**Contact hours:** 3 per week **Credit points:** 12

### ► SPP502 PROGRAMMING FOR STUDENTS WITH LEARNING DIFFICULTIES/DISABILITIES

Review of the research of the impact of learning difficulties/disabilities on learning and in particular on learning literacy. The learning and literacy demands of the curriculum will be reviewed and appropriate methods for programming for students with special learning needs will be addressed. Key issues considered are consultation and collaboration between regular and support teachers.

**Courses:** ED28, ED61

**Contact hours:** 3 per week **Credit points:** 12

### ► SPP503 LITERACY AND LEARNING

Review of significant learning difficulties/disabilities among learners in schools (Years 1-12) and post-secondary education; foundation studies in language and learning; assessment and monitoring of literacy related curriculum tasks; test interpretation and development; related approaches to teaching; informed by principles derived from psycholinguistics, metacognition,

process approaches to literacy and constructivist approaches to learning within an inclusive education framework.

**Courses:** ED28

**Contact hours:** 3 per week **Credit points:** 12

### ► SPP504 CURRICULUM: LEARNERS WITH SPECIAL NEEDS

Introduction to curriculum development and situational/self-analysis; innovative program approaches for learners with special needs; changing ourselves and our educational environments; evaluation of curriculum development; resource teacher support for school-based curriculum development, human relationships education and participation and equity; communication about improved programs.

**Courses:** ED28

**Contact hours:** 3 per week **Credit points:** 12

### ► SPP505 FINANCIAL MANAGEMENT IN EDUCATION SETTINGS

The financial aspect of managing an educational setting; various financial management control problems; the basic accounting principles and skills used in the recording and management of school financial transactions; guidelines for the efficient and effective use of limited school financial resources.

**Courses:** ED23, ED61

**Credit points:** 12

### ► SPP508 HUMAN RESOURCE MANAGEMENT IN EDUCATION

Staff supervision and appraisal; staff development planning, implementation and evaluation; facilitative skills.

**Courses:** ED23, ED61

**Contact hours:** 3 per week **Credit points:** 12